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Share this article Copied! This page may contain affiliate links. If you choose to interact with or purchase from another business, we may receive payment. Learn more. Autopsies not only clarify the cause of death for families when the time
comes, they're not exactly a popular topic of discussion. This article aims to help clarify some frequently asked questions about autopsies, including the process, the time it takes to perform one, whether they're necessary, and other important facets. Do autopsies always need to be performed? Before jumping into answering questions like, "how is an
autopsy done or conducted?", it can help to identify whether one needs to be done at all. It may surprise you to learn that autopsies are not always performed. They are typically conducted when there are unclear circumstances surrounding a death, such as suspected foul play, sudden or unexplained deaths, or when required by law for legal or public
health reasons. Families may also request an autopsy to gain clarity about a loved one's medical condition or cause of death. However, if the cause of death is clear and accepted, and there are no legal or medical reasons for an autopsy, it may not be performed. Families can sometimes choose to decline an autopsy, although this may limit the
information available about the cause of death - though there are cases (such as criminal investigations) where they cannot decline. How does an autopsy work? An autopsy is a thorough examination of a deceased person's body to determine the cause of death, study a diseases, or gather evidence in cases of suspicious death. The process typically
begins with a detailed external examination, where a pathologist carefully makes incisions to examine internal organs such as the brain, heart, lungs, and others. Tissue samples may be taken for microscopic analysis, and bodily fluids
like blood or urine are tested for toxicology. After the examination, the body is reconstructed for the funeral. The results are compiled in a report detailing the findings, which can help in understanding the cause of death. How is an autopsy performed? Autopsies may be performed in various orders depending on the situation and body, but it's helpful
to have a general outline of the steps taken when an autopsy is performed. Here's a general overview: External examination: The body is visually inspected for any external signs of trauma, disease, or distinguishing marks (e.g., scars, tattoos). Documentation: Photographs and written notes are taken to record the body's condition and any findings.
Weighing and measuring: The body is weighed, and measurements are taken of the body and individual organs. Internal examination: A Y-shaped incision is made on the torso, and the rib cage is opened to access the internal organs. Internal examination: A Y-shaped incision is made on the torso, and the rib cage is opened to access the internal organs.
examined by removing the skull cap. Tissue sampling: Small samples of organs or tissues are taken for microscopic analysis. Toxicology testing: Blood, urine, or other fluids are tested for drugs, chemicals, or poisons. Reconstruction: After the examination, the organs are either returned to the body or kept for further analysis. The body is sewn up and
prepared for the funeral. Report creation: A detailed report is prepared that outlines the findings, including the cause and manner of death. What happens during an autopsy? During an autopsy, a pathologist conducts a thorough examination of the body to determine the cause of death and identify any diseases or injuries. The process begins with an
external examination where the body is inspected for visible marks, wounds, or abnormalities. Photographs and notes are taken to document the findings. The internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows, involving a Y-shaped incision to open the body and access the internal examination follows.
for microscopic analysis, and fluids such as blood or urine are tested for toxicology. After the examination, the body is reconstructed for a respectful appearance. The pathologist then compiles the findings into a detailed autopsy report. How long does it take to do an autopsy? "How long does an autopsy take?" is a common question. In movies, it can
sometimes seem like autopsies take under an hour to determine the cause of death or solve the mystery, but in real life, it can be much longer. An autopsy typically takes between 2 to 4 hours, depending on the complexity of the case and the level of detail required. If additional tests such as toxicology or histology are needed, they may extend the
time before the final results are available, often taking several weeks. However, the initial autopsy itself is usually completed within a few hours after death, though it can still be conducted days or even weeks later if necessary. The condition of the
body plays a key role; decomposition can affect the quality of the examination, so earlier is generally better. In cases where the body is preserved, such as through refrigeration, an autopsy can be delayed for a longer period. How long does an autopsy delay a funeral? An autopsy usually delays a funeral by roughly 1 to 3 days, depending on how
quickly it can be performed and if additional tests, like toxicology, are required. In most cases, the body is released to the family shortly after the autopsy is completed, allowing funeral arrangements to proceed. If more extensive investigation is needed, the delay could be longer. How long does an autopsy toxicology report take? An autopsy toxicology
report typically takes 4 to 6 weeks to complete, though in some cases it may take longer depending on the complexity of the tests and the laboratory's workload. Toxicology testing involves analyzing blood, urine, or other bodily fluids for the presence of drugs, chemicals, or poisons, which requires detailed and time-consuming procedures. The final
autopsy report is often delayed until the toxicology results are available. How long does it take to get an autopsy report? The timeframe for a family to receive an autopsy report can vary significantly, but it typically ranges from a few weeks to several months. After the autopsy is completed, the pathologist prepares a detailed report, which may
include additional testing results, such as toxicology. Families are usually informed when the report is ready, but delays can occur due to the complexity of the case or the need for further analysis. Hopefully you've learned a little more about autopsies and the length of time they take, the steps they include, and the circumstances where ones are
performed or aren't. While questions like "how long does the autopsy take?" vary depending on the specific situation you're in, having a baseline understanding of what to expect can be helpful. If you have any additional questions surrounding the autopsy process and timing, it's a good idea to reach out to your coroner or medical examiner (or funeral
home, if you aren't sure who to contact) and request some additional information that's tailored to your case. Want to see more articles like this? Like us on Facebook: Last updated October 16, 2024 An autopsy is a medical procedure in which a body is examined after death in order to determine the cause of death or other relevant information. The
results of an autopsy are recorded in an autopsy report. This document includes details about the deceased's physical condition, any pertinent medical history, and an overview of the findings from the examination. The completion of an autopsy report can provide closure for family members and help doctors make informed decisions about treatment
for other patients. It can be difficult to determine exactly how long it takes to get an autopsy report. The timeline for completion depends on a variety of factors, including the complexity of the case and the availability of testing and laboratory services. Exploring the Length of Time for Autopsy Report Completion When preparing an autopsy report, a
pathologist must first perform a comprehensive examination of the body. During this process, they will look for evidence of disease or trauma, take samples for laboratory analysis, and document their findings. The amount of time required to complete the examination depends on the complexity of the case and the availability of necessary tests and
examinations. Once the examination is complete, the pathologist will write up the autopsy report. This document typically includes information about the deceased's medical history, physical condition at the time of death, and results of the examination. The length of time it takes to write the report depends on the complexity of the case and the
experience of the pathologist. An In-Depth Look at How Long an Autopsy Report Takes The length of time it takes to get an autopsy report depends on several factors. These include the complexity of the case, the availability of necessary tests and examinations, and the experience of the pathologist. Breaking down each step of the process can help
provide a better understanding of how long it typically takes to receive an autopsy report. Breaking Down the completion of the examination. Depending on the complexity of the case, this stage can take anywhere from a few hours to several days. Once
the examination is complete, the pathologist will write up the report. This process can take an additional day or two, depending on the examination. If this is the case, the timeline for receiving the autopsy report may be
extended by several weeks. The exact length of time depends on the type of test being performed and the availability of the necessary resources. The Role of Necessary Tests and Examinations In some cases, additional tests or laboratory work may be required to confirm the findings of the examination. This can include toxicology tests, DNA testing,
or specialized imaging studies. The availability of these tests and the timeline for receiving results can vary greatly, depending on the type of test being performed and the resources available. As such, the timeline for receiving an autopsy report can be extended significantly if additional tests are necessary. How Long Does It Take to Receive An
Autopsy Report? The timeline for receiving an autopsy report depends on the complexity of the case and the availability of necessary tests and examinations. Generally speaking, it can take anywhere from a few days to several weeks to receive the results. The exact timeline can vary depending on the type of tests being performed and the resources
available. Examining the Average Turnaround Time On average, it takes between five and seven days to receive an autopsy report. However, this timeline can be extended if additional tests or laboratory work is required. In such cases, it can take up to several weeks to receive the results. Analyzing Delays and Ways to Speed Up the Process There are
a few steps you can take to ensure that the timeline for receiving an autopsy report is not delayed. First, contact the pathologist or medical examiner's office to inquire about the status of the report. You should also ask if there are any additional tests or laboratory work that needs to be done in order to complete the report. Finally, if possible, try to
arrange for any necessary tests or examinations to be done as quickly as possible. A Guide to Understanding How Long Autopsy Reports Take A Guide to Understanding How Long Autopsy Reports Take A Guide to Understanding How Long Autopsy Reports Take A Guide to Understanding How Long Autopsy Reports Take A Guide to Understanding How Long Autopsy Reports Take If you are waiting on an autopsy report, it can be difficult to know how long it will take to receive the results. The timeline for completion depends on
the complexity of the case and the availability of necessary tests and examinations. On average, it takes between five and seven days to receive an autopsy report. However, this timeline can be extended if additional tests or laboratory work is required. Common Questions about Timelines When trying to understand how long it takes to receive an
autopsy report, there are a few common questions. These include: How long will it take to receive the results? Will additional tests or laboratory work be required? What can I do to speed up the process? Knowing the autopsy report. Tips for Navigating the System If you
are waiting on an autopsy report, there are a few steps you can take to ensure that the timeline for receiving the results is not delayed. Contact the pathologist or medical examiner's office to inquire about the status of the report. Finally,
if possible, try to arrange for any necessary tests or examinations to be done as quickly as possible. Conclusion An autopsy report can provide closure for family members and help doctors make informed decisions about treatment for other patients. The timeline for completing an autopsy report depends on the complexity of the case and the
availability of necessary tests and examinations. On average, it takes between five and seven days to receive an autopsy report. However, this timeline can be extended if additional tests or laboratory work is required. Knowing the answers to common questions and taking steps to speed up the process can help ensure that the timeline for receiving
the autopsy report is not delayed. (Note: Is this article not meeting your expectations? Do you have knowledge or insights to share? Unlock new opportunities and expand your reach by joining our authors team. Click Registration to join us and share your expectations? Do you have knowledge or insights to share? Unlock new opportunities and expand your reach by joining our authors team.
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given. The license may not give you all of the permissions necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you use the material. The loss of a loved one is never easy, but it may be especially difficult when the circumstances of the death are unclear or mysterious. In situations where
the cause of death may seem uncertain, or even in situations where there is suspicion, a full medical autopsy can provide clarity and peace of mind. Completing an autopsy takes time, as the coroner, medical examiner, or independent autopsy provider must perform a full physical evaluation. In some cases, toxicology and other reports may be
required. As such, you should not expect the results of your autopsy immediately. As a rule of thumb, most autopsy reports will be delivered in writing within 90 days. In some jurisdictions, the coroner or examiner may call the next of kin before the report is finalized, providing an informal overview. In addition, there are a few factors that can affect
the timeline for an autopsy report's completion. First and foremost, keep in mind that coroners' and medical examiners' work requires precision and care. As such, a backlog or insufficient resources can extend the autopsy timeline past
90 days. The county coroner or medical examiner may also be restricted in which laboratories they can use to process the toxicology and histology samples required for the autopsy report completion. These laboratories can also experience backlog, further disrupting the timeline for the coroners and medical examiners. Private autopsy services
generally aim to provide a final report within 90 days as well. However, private forensic pathologists often have lighter caseloads and more flexibility in choosing laboratories than the county coroner or medical examiner. As a result, a private autopsy is more easily able to maintain that 90-day timeline. In fact, independent pathologists may offer
autopsy report services to coroners and medical examiners to help them meet their 90-day timeline. At Saguaro Forensic Consulting, we strive to promptly deliver final autopsy services throughout Indiana and Illinois, always emphasizing prompt turnaround times and clear,
accessible reports. Learn more about autopsy report completion. Losing a loved one is an emotionally challenging experience. In some cases, understanding the cause of death can provide much-needed closure. This is where an autopsy plays a critical role. An autopsy is a comprehensive medical examination of the body after death, conducted to
determine the exact cause of death. It can uncover hidden medical conditions, confirm diagnoses, and offer answers to lingering questions. Whether it's for legal reasons, medical clarity, or personal peace of mind, understanding the autopsy process can help families make informed decisions. This guide walks you through the key reasons for an
autopsy, the steps to request one, legal considerations, costs, and how to interpret the results. Why an Autopsy Might Be Needed Autopsies serve multiple purposes, ranging from medical investigations to legal requirements: 1. Unclear Cause of Death: When the cause of death is uncertain, an autopsy helps determine what happened. This can provide
families with closure and assist in legal investigations. 2. Medical Research and Diagnosis: Autopsies can reveal previously undiagnosed diseases, contributing valuable information for medical research and English the law
may require an autopsy to rule out foul play. It becomes critical evidence in criminal investigations, insurance claims, and court cases. 4. Family Health Concerns: Autopsy findings can highlight hereditary conditions, allowing surviving family members to take preventive health measures. Legal Requirements for an Autopsy Not all autopsies are
voluntary. Certain circumstances require an autopsy by law: When Ordered by the State: A medical examiner or coroner can mandate an autopsy in cases of homicide, suicide, accidental deaths, or deaths under suspicious circumstances. Without Family Consent: In legal cases, autopsies can be performed without family permission. Jurisdiction
Matters: Legal requirements vary by state. Check local autopsy regulations for specific guidelines. If you disagree with a state-mandated autopsy, legal recourse is available through the courts. However, time is critical, as delays may affect the examination's accuracy. Steps to Request an Autopsy If you wish to request an autopsy, follow these steps
conflicts. 3. Consider Private Autopsy Services: If the state declines the request, or if you prefer a second opinion, contact a private service like 1-800-Autopsy for professional assistance. 4. Complete Necessary Documentation: Fill out consent forms, provide the deceased's medical history, and specify any particular concerns you want investigated. 5.
 Understand the Costs: Public autopsies are usually free when legally required, but private autopsies can cost between $3,000 and $5,000 depending on the complexity of the case and tests involved. What to Expect During the Autopsy Process Understanding the procedure can ease anxiety: 1. External Examination: The body is examined for external
injuries, marks, or signs of trauma. 2. Internal Examination: A Y-shaped incision is made to inspect internal organs. Each organ is carefully examined, weighed, and sometimes removed for further study. 3. Sample Collection: Tissue samples, fluids, and sometimes organs are sent for laboratory testing, including toxicology reports to detect drugs.
alcohol, or poisons. 4. Specialized Testing: Depending on the case, additional tests like genetic studies, microbiology cultures, or histopathology may be performed. The autopsy generally takes 2-4 hours, but lab results can take several weeks. The body is handled with utmost care and returned to the family for funeral arrangements without visible
signs of the procedure. Understanding the Results and Next Steps 1. Receiving the Autopsy Report: The full report, detailing findings and the cause of death, is typically available within 4-8 weeks. 2. Reviewing with a Medical Professional: It's advisable to review the report with a physician to clarify medical terms and implications. 3. Legal and
Insurance Implications: If the death involved legal issues or insurance claims, the report can serve as vital documentation. 4. Family Health Insights: Autopsy findings can alert surviving relatives to genetic conditions or health risks, encouraging preventive medical care. Religious and Cultural Considerations Autopsies can conflict with certain
religious or cultural beliefs: Jewish and Islamic Traditions: These often oppose autopsies (CT scans), may be acceptable alternative Sptions: Less invasive procedures, such as external examinations or virtual autopsies (CT scans), may be acceptable alternative Sptions: Less invasive procedures, such as external examinations or virtual autopsies (CT scans), may be acceptable alternative Sptions: Less invasive procedures, such as external examinations or virtual autopsies (CT scans), may be acceptable alternative Sptions: Less invasive procedures, such as external examinations or virtual autopsies (CT scans), may be acceptable alternative Sptions: Less invasive procedures, such as external examinations or virtual autopsies (CT scans), may be acceptable alternative Sptions: Less invasive procedures, such as external examinations or virtual autopsies (CT scans), may be acceptable alternative Sptions: Less invasive procedures, such as external examinations or virtual autopsies (CT scans), may be acceptable alternative Sptions: Less invasive procedures, such as external examinations or virtual autopsies (CT scans), may be acceptable alternative Sptions: Less invasive procedures, such as external examinations or virtual autopsies (CT scans), may be acceptable alternative Sptions (CT
professionals and religious leaders. Frequently Asked Questions (FAQs) 1. How long after death can an autopsy be performed? Ideally with proper preservation. 2. Does an autopsy delay the funeral? Typically, it causes a 1-2 day delay. Coordination with funeral homes can
minimize disruption. 3. Who pays for an autopsy? State-mandated autopsies are free. Private autopsies are paid for by the family objections. Conclusion Requesting an autopsy? State-mandated autopsies are previde clarity
closure, and peace of mind. Whether you're seeking answers about a loved one's passing, needing legal documentation, or looking for insights into hereditary health risks, an autopsy can be invaluable. For compassionate, professional assistance, contact 1-800-Autopsy. Our experienced team is here to support you through every step of the process
ensuring respectful handling and comprehensive answers during this difficult time. The loss of a loved one is never easy, but it may be especially difficult when the circumstances of the death are unclear or mysterious. In situations where there is suspicion, a full medical autopsy can
provide clarity and peace of mind. Completing an autopsy takes time, as the coroner, medical examiner, or independent autopsy provider must perform a full physical evaluation. In some cases, toxicology and other reports may be required. As a rule of thumb, most autopsy
reports will be delivered in writing within 90 days. In some jurisdictions, the coroner or examiner may call the next of kin before the timeline for an autopsy report's completion. First and foremost, keep in mind that coroners' and medical
 examiners' work requires precision and care. As such, a backlog of cases means that it may take a little time before your case can be completed. In some cases, a significant backlog or insufficient resources can extend the autopsy timeline past 90 days. The county coroner or medical examiner may also be restricted in which laboratories they can use
to process the toxicology and histology samples required for the autopsy report completion. These laboratories can also experience backlog, further disrupting the timeline for the coroners and medical examiners. Private autopsy services generally aim to provide a final report within 90 days as well. However, private forensic pathologists often have
lighter caseloads and more flexibility in choosing laboratories than the county coroner or medical examiner. As a result, a private autopsy is more easily able to maintain that 90-day timeline. In fact, independent pathologists may offer autopsy is more easily able to maintain that 90-day timeline. At Saguaro
 Forensic Consulting, we strive to promptly deliver final autopsy reports within that 90-day window. We are pleased to offer private autopsy services throughout Indiana and Illinois, always emphasizing prompt turnaround times and clear, accessible reports. Learn more about autopsy report completion. The Acronyms section of this website is powered
by the Acronym Finder, the web's most comprehensive dictionary of acronyms, abbreviations and initialisms. The Acronym Finder allows users to decipher acronyms from a database of over 1,000,000 entries covering computers, technology, telecommunications, and the military. Unlike online glossaries, search engines, encyclopedias, or thesauruses
Acronym Finder exists purely to unravel the bewildering range of acronyms that impact daily life. Here's what people are searching for right now in Acronyms & Abbreviations: Get the MedicineNet Terms and Conditions and Privacy
Policy. I also agree to receive emails from MedicineNet and I understand that I may opt out of MedicineNet subscriptions at any time. When families request a private autopsy, they're usually looking for answers regarding their loved one's death that a medical examiner or coroner decided not to provide by performing a routine autopsy themselves
And, understandably, family members want those answers as soon as possible. After all, the information that an autopsy provides can allow grieving family members to heal and achieve the closure they need to continue on without their loved one with them. Depending on the circumstances of your loved one's death, preliminary findings from a private
autopsy may be available as soon as 24 hours after Dr. Chundru performed the procedure. But, other aspects of an autopsy report - can take more time. You're probably already aware that it takes an extended amount of time for families to receive the final autopsy report from a medical
examiner or coroner - usually about six weeks. This fact is often publicized by the media if there is a high-profile homicide or suspicious death in your community. But why does it take so long to get a report from a typical autopsy? The answer lies largely in the backlog of the lab which processes autopsy samples, such as toxicology and histology
samples, from the procedure. Because city, county, and state coroners and medical examiners usually contract with one or just a few labs to process their autopsy samplings, receiving final results can take a while when the lab has a high number of samples to perform. This is especially true if you live in a highly populated metropolitan area. Received
Private Autopsy Reports Faster When Working with Dr. Chundru When Dr. Chundru performs a private autopsy for his clients, he has more options in terms of choosing a lab to process the autopsy samples than a city, county, or state coroner or medical examiner typically does. Depending on your location, this may translate into Dr. Chundru's
selected lab being able to process all samples faster than a jurisdiction's lab can. Ultimately, this may provide you with a final autopsy report and the answers you desperately want faster than a jurisdiction's lab can. Ultimately, this may provide you with a final autopsy report and the answers you desperately want faster than the average 6-week turnaround time. Learning More About the Differences Between a Traditional and Private Autopsy If you've been told that your local
medical examiner or coroner isn't going to perform an autopsy on your loved one, but you want the answers that one provides, Dr. Chundru is available to conduct a private autopsy anywhere in the United States. Typically performed in your chosen funeral home, this procedure takes about one and a half to two hours to complete, and won't interfere
with your ability to have an open casket or viewing for your family member's funeral services. To talk to Dr. Chundru to learn more about private autopsies and how they differ from one conducted by a local jurisdiction, schedule a consultation with him today. MeSH Heading Autopsy Tree Number(s) E01.370.060 E05.070 I01.198.780.937.120 Unique
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1999/01/01 Revision Date 2011/06/24 Diagnostic Techniques and Procedures [E01.370.060.500] Breath Tests [E01.370.049] Autopsy [E01.370.060.500] Breath Tests [E01.370.049] Autopsy [E01.370.060.500] Breath Tests [E01.370.060.500] Breath Tests [E01.370.049] Autopsy [E01.370.060.500] Breath Tests [E01.370.049] Autopsy [E01.370.060] Postmortem Imaging [E01.370.060] Breath Tests [E01.370.060] Breath Te
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Share this article Copied! This page may contain affiliate links. If you choose to interact with or purchase from another business, we may receive payment. Learn more. You've likely heard of autopsy reports through various types of media. They're medical documents that provide critical information about the cause and manner of a death. For cases
where deaths were mysterious in some way, unexpected, or confusing, these reports, and information about costs, continue reading. Before jumping into questions like "How much is an autopsy?" or "How can I get an autopsy
report?" it's helpful to understand a few key points about autopsy reports. Autopsy report is not exempted from public records, barring a few exceptions. This means that anyone can get access to an autopsy, so long as they have some pertinent details (and so long as the autopsy report is not exempted from public records)
Autopsy records may be exempt from public records if they are: Part of an ongoing criminal investigation Involve privacy concerns related to the deceased or their family Restricted by state or local laws due to sensitive details Released only to next of kin, law enforcement, or legal representatives High-profile cases or deaths involving minors
Following are some frequently asked questions about autopsy reports. How do I get or obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. To obtain an autopsy report? The answer is relatively simple. The answer is relatively simple and autopsy report? The answer is r
where the death occurred. You can find out who did the autopsy by contacting the medical examiner or coroner's office. If you aren't sure where that office is, contacting your local police department or the funeral home can help. Submit a request: Depending on the jurisdiction, you may need to fill out a formal request form, provide identification, or
show proof of your relationship to the deceased. Pay any fees: Some offices may charge a fee for providing copies of the report to be available, especially if toxicology or additional testing was performed. How long after death can an autopsy be done? An autopsy is typically
performed within 72 hours of a death, which is when the body is most intact for examination. However, in some cases, an autopsy may be conducted after this time frame, depending on the condition of the body and whether it has been preserved, such as through refrigeration. Delays may affect the findings, especially in cases where decomposition
has set in, but forensic pathologists can still gather valuable information beyond the first few days after death. How long does an autopsy report take to complete, depending on the complexity of the case. Simple cases
may result in a preliminary report within a few days, but more detailed analyses, such as toxicology or tissue studies, can extend the process. On average, it takes 4 to 12 weeks for a full autopsy report take? An autopsy
toxicology report typically takes several weeks to complete, with the average time ranging from 4 to 8 weeks. The process involves analyzing bodily fluids such as blood, urine, and tissue samples to detect the presence of drugs, alcohol, poisons, or other toxic substances. Depending on the complexity of the tests required and the backlog at the
laboratory, it can sometimes take longer, especially in cases where multiple substances or rare toxins are being tested. The toxicology results are crucial for determining causes of death related to poisoning, overdose, or substance interactions. How long does the autopsy take?" If
you're told an autopsy needs to be done, or you've requested one be done, this is helpful to know. An autopsy typically takes 2 to 4 hours to complete, depending on the complexity of the case and the type of examination required. For routine cases with no extensive complications, the process can be quicker. However, more detailed autopsies
involving specialized tests, such as toxicology, microscopic examination, or tissue analysis, may take longer. The thoroughness of the autopsy also varies based on the need to examine specific organs or gather evidence for legal or forensic purposes. Despite the procedure itself being relatively short, further analysis and results can extend the time it
takes to finalize the findings. How can you get an autopsy report done after someone's been buried? To get an autopsy done after someone has been buried, you would need to request an exhumation, which is the process of digging up a buried body for examination. Here are the key steps involved: Legal permission: Exhumation requires legal
authorization, which typically involves obtaining a court order. The request may need to come from the next of kin, law enforcement, or a legal representative, depending on the reason for the autopsy. Reason for exhumation: You must provide a valid reason, such as suspicion of foul play, unresolved questions about the cause of death, or for legal
purposes like insurance claims. Authorities reasoning: Coordinate with the local health department, law enforcement, and the medical examiner's office to handle the exhumation and autopsy. Costs and time: Be aware that exhumation can be expensive and time-consuming, as it involves court proceedings, specialized handling, and the reburial
process. How long does it take for an autopsy to become public record? The time it takes for an autopsy to become a public record varies depending on the jurisdiction and the circumstances surrounding the death. Typically, once the autopsy is complete and the final report is filed—usually within 4 to 12 weeks—it may be available as a public record
if it's not restricted by law. However, if the case is part of an ongoing investigation or involves sensitive information, the report may be withheld from public access until the investigation is closed or legal proceedings are completed, which can take several months or even years. Receiving autopsy results can take anywhere from a few weeks to several
months, depending on the complexity of the case and any additional testing required. Preliminary findings may be available within a few days, but the final results, including toxicology or microscopic analysis, often take longer. On average, it takes 4 to 12 weeks to receive the complete autopsy report, especially if the death involves unusual
circumstances, forensic investigation, or specialized laboratory work. Delays can also occur if the medical examiner's office is handling a high volume of cases. How much does it cost for an autopsy? The cost of an autopsy? How much does it cost for an autopsy? How much does it cost for an autopsy? The cost of an autopsy? How much does it cost for an autopsy? How much doe
and whether it is a private or government-ordered by the state or county, meaning there is no cost to the family. However, a private autopsy, requested by the family for personal or legal reasons, can range from $3,000 is typically covered by the state or county, meaning there is no cost to the family.
to $5,000 or more, depending on the complexity of the case and any specialized testing, such as toxicology or tissue analysis. Autopsy report example If you've never seen an autopsy report example If you've never 
help to know what they look like and what to expect. Source: Wikemedia Now that some of your questions have been answered, (such as "How long do autopsy results?") you can feel better informed and prepared when dealing with the coroner's office or medical examiner. Want to expect.
see more articles like this? Like us on Facebook: Last updated October 14, 2024 health centersinfectious disease center An autopsy (post-mortem examination or necropsy) is the examination of the body of a dead person and is performed primarily to determine the cause of death. An autopsy (also known as a postmortem examination or necropsy) is the
examination of the body of a dead person and is performed primarily to determine whether a particular medical or surgical treatment has been effective. Autopsies are performed by pathologists (medical doctors who have received
specialty training in the diagnosis of diseases by the examination of body fluids and tissues). In academic institutions, autopsies sometimes are also requested for teaching and research purposes. Forensic autopsies sometimes are also requested for teaching and research purposes.
is derived from the Greek word autopsia: "to see with one's own eyes." The earliest anatomists and pathologists could be considered ancient hunters, butchers, and cooks who had to recognize organs and determine if they were suitably edible. In ancient Babylon, perhaps as early as 3500 BC, autopsies on animals were performed not for the study of
disease, but rather for the practice of predicting the future by communicating with divine forces. The intestines and liver were believed to contain messages from divine spirits. Galen (131-200 A.D.), a disciple of Hippocrates practicing in ancient Greece, performed surgical dismantling (dissection) of animals and humans. He determined that
Hippocrates' theory that disease was due to four circulating senses of humor (phlegm, blood, yellow bile, and black bile) was correct. Galen was a highly respected, powerful, and dogmatic individual who dominated the medical thinking of his time and for hundreds of years to follow. It is said that the four-humor doctrine paralyzed medical science for
about 1400 years. In general, before 1700 there was a negative attitude regarding the dissection of the human body. Egyptians, Greeks, Romans, and medieval Europeans performed dissections for religious reasons or to learn anatomy, but this was not done in any systematic fashion. There were, however, some notable exceptions. In the late 1200s
the law faculty dominated the University of Bologna and would order autopsies to be performed to help solve legal problems. Thus, some of the earliest autopsies were medicolegal cases. In the late 1400s in Padua and Bologna, Italy, the sites of the world's first medical schools, Pope Sixtus the IV issued an edict permitting dissection of the human
body by medical students. Before such edicts from religious leaders, it was considered a crime to dissect the human body, and criminal prosecutions for "body snatching" by students of anatomy date back to the early 1300s. By the 1500s, the autopsy was generally accepted by the Catholic Church, marking the way for an accepted systematic
approach to the study of human pathology in Europe. While several "giants" of medicine and science around this time, such as Vesalius (1514-1564), Pare (1510-1590), Lancisi (1682-1771) who was an anatomist and is considered the father of anatomical
pathology.. During his 60 years of observations, Morgagni insisted upon the correlation of pathological findings with clinical symptoms, marking the first time that autopsies made major contributions to the understanding of diseases in medical science. Some historians say that the power of the autopsy in medical education peaked during the 1800s.
At the beginning of that century, the Allgemeine Krankenhaus in Vienna was considered the premier medical center of the Western World, in large part because of the stature of its Pathology Institute, which still exists in Vienna, for
          Rokitansky is said to have supervised 70.000 autopsies and personally performed over 30,000, averaging two a day, seven days a week, for 45 years. Rokitansky stressed a systematic, almost ritualistic, approach to the autopsy with every patient receiving the same detailed examination. For the sake of objectivity, Rokitansky, unlike Morgagni
did not care to know the clinical history of the patients. Because of this style and his disinclination to apply microscopy routinely, many of Rokitansky's theories about diseases proved to be incorrect. Rudolph Virchow (1821-1902), an eminent German statesman and pathologist, was a younger contemporary and competitor of Rokitansky. Unlike
Rokitansky, he grew up with the microscope and was most influential in the systematic application of microscopy to study disease. Virchow advanced the doctrine which held that cellular pathology was the basis of disease, finally laying to rest the humoral theory of Hippocrates and Galen. In many ways, Virchow could be considered the first
molecular biologist. Under Virchow, Berlin replaced Vienna as the premier center of medical education. Many clinicians, upon returning from study in Berlin, became leaders in North American medicine. The most notable of these physicians was the legendary Sir William Osler, who worked in Canada and the U.S. Osler was arguably the most
respected and revered North American physician of his time. He studied with Rokitansky and Virchow and relied heavily on autopsy studies for his education. Osler not only performed autopsies himself, Osler told a friend: "I've been watching
this case for 2 months and I'm sorry I shall not see the postmortem." As expected, the autopsy showed that all of Osler's diagnoses were correct. In 1910, Abraham Flexner reported the sorry state of medical education in the U. S. at that time. The Cabot report issued from the Massachusetts General Hospital in 1920, based on approximately 3,000
autopsies performed, revealed astonishing diagnostic inaccuracies on the part of clinicians. The resulting medical education. Physical Exam: Why Does Your Doctor Do That? See Slideshow A medical examiner can order an autopsy without the consent of
the next of kin. Deaths that are investigated by the medical examiner or coroner include all suspicious deaths, and depending upon the jurisdiction, may include deaths of those who have been under medical care for less than 24 hours, or deaths that occurred during
operations or other medical procedures. In all other cases, consent must be obtained from the next of kin also has the right to limit the scope of the autopsy (for example, excluding the brain from evaluation or limiting the procedure to the examination of the
abdomen). Autopsies, also known as postmortem examinations, are conducted by highly trained medical professionals, such as: Pathologists are medical professionals who specialize in diagnosing diseases by examining organs and tissues from deceased patients. They perform autopsies to determine the cause of death or to confirm
diagnoses made by other doctors. Pathologists work primarily in hospitals and conduct autopsies on patients who have died while under medical care. Forensic pathologists who specialize in examining deceased individuals in cases of unexpected, suspicious, or violent deaths. They are trained to
perform autopsies and investigate the circumstances surrounding the death. Forensic pathologists work closely with law enforcement agencies and other officials to gather evidence and determine the cause and manner of death. Medical Examiners: Medical examiners are also gualified to perform autopsies. They work in a forensic context, often in
conjunction with law enforcement. Their autopsies aim to determine the cause of death, estimate the time since death, and provide identification information to the police. Medical examiners play a crucial role in criminal investigating deaths
that occur within their jurisdiction. Coroners are also qualified to perform autopsies. While coroners do not need a medical degree to perform autopsies, they are typically trained pathologists who have received specialized training in forensic pathology. Coroners determine the manner of death (natural, accidental, suicide, or homicide) and may order
autopsies when necessary. Autopsies are collaborative efforts that involve multiple professionals with diverse expertise, all working together to understand the cause of death. Each role is critical in ensuring a thorough and accurate examination and analysis of the deceased individual. What is done during an autopsy? The extent of an autopsy can
vary from the examination of a single organ such as the heart or brain to a very extensive examination. Examination of the chest, abdomen, and brain is probably considered by most pathologists as the standard scope of the autopsy. There are three levels of an autopsy including: Complete: The whole body cavities
are examined. Limited: A single organ, such as the heart or brain, is examined. Selective: The chest, abdomen, and brain are examined. Autopsy procedure The autopsy begins with a complete external examined. Autopsy procedure The autopsy begins with a complete external examined. The weight and height of the body are recorded, and identifying marks such as scars and tattoos also are recorded. The internal
examination begins with the creation of a Y- or U-shaped incision from both shoulders joining over the sternum and continuing down to the public bone. The skin and underlying tissues are then separated to expose the rib cage and abdominal cavity. The front of the rib cage is removed to expose the neck and chest organs. This opening allows the
trachea (windpipe), thyroid gland, parathyroid glands, esophagus, heart, thoracic aorta, and lungs to be removed. Following the removal of the neck and chest organs, the abdominal organs are cut (dissected) free. These include the intestines, liver, gallbladder and bile duct system, pancreas, spleen, adrenal glands, kidneys, ureters, urinary bladder,
abdominal aorta, and reproductive organs. To remove the brain, an incision is made in the back of the skull from one ear to the other. The scalp is cut and separated from the underlying skull and pulled forward. The top of the skull is removed using a vibrating saw. The entire brain is then gently lifted out of the cranial vault. The spinal cord may also
be taken by removing the anterior or posterior portion of the spinal column. The organs are first examined by the pathologist to note any changes readily recognizable in the organs include atherosclerosis, cirrhosis of the liver, and coronary artery disease in the heart. After
the organs are removed from the body, they usually are separated from each other and further dissected to reveal any abnormalities, such as tumors, on the inside. Small samples are typically taken from all organs to be made into slide preparations for examination under a microscope. At the end of an autopsy, the incisions made in the body are sewn
closed with autopsy stitches. The organs may be returned to the body or may be returned for teaching, research, and diagnostic purposes. The performance of an autopsy does not interfere with an open casket funeral service, as none of the incisions made in order to accomplish the autopsy are apparent after embalming and dressing of the body by
the mortician. An autopsy typically takes about two to four hours, but it can vary based on factors such as the complexity of the examination, and the number of samples taken for analysis. There are two main types of autopsies as
part of legal investigations. A forensic autopsy typically takes two to four hours. Preliminary results may be available within two to three days. However, acquiring comprehensive results, including detailed reports and laboratory analyses, can take much longer, often around six weeks or more. Clinical autopsy: Hospital pathologists perform clinical
autopsies in cases of natural death. A clinical autopsy usually lasts one to two hours. Autopsy involves external and internal examinations of the body to determine the cause of death. This process includes examining organs, tissues, and fluids for signs of disease, injury, or poisoning. Following the examination, a detailed report is usually generated to
document the findings. Pictures of findings may be taken for future reference. Special studies may include cultures to identify infectious agents, chemical analysis for the measurement of drug levels or metabolic abnormalities, or genetic studies. Tissue may be frozen for future diagnostic or research purposes. Organs may be preserved and stored in
formalin for later examination, sampling for microscopy, presentation at conferences, or archiving for the training of medical students. After all studies are completed, a detailed report is prepared that describes the autopsy procedure and microscopic findings, giving a list of medical diagnoses and a summary of the case. The report emphasizes the
relationship or correlation between clinical findings (the doctor's examination, laboratory tests, radiology findings, etc.) and pathologic findings (those made from the autopsy). Benefits for families: For families: For families the autopsy has both tangible and psychological benefits. Uncertainty regarding the cause of an individual's death can delay payment of
insurance benefits. The autopsy can also uncover genetic or environmental (for example, a bacterium or fungus) causes of death. The autopsy can demonstrate to the family that the care provided was appropriate,
thereby alleviating guilt among family members and offering reassurance regarding the quality of medical care. Lastly, the autopsy is a mechanism that enables the family to participate in medical education and the appropriateness
of medical care. The autopsy findings can be utilized to educate physicians, nurses, residents, and students, thereby contributing to an improved quality of care. Benefits to society: Many of the benefits of the autopsy are experienced by society as a whole. The autopsy are experienced by society as a whole. The autopsy are experienced by society as a whole.
interventions (drugs, devices, surgical techniques), and the investigation of environmental and occupational diseases. Autopsy data are useful in establishing valid mortality statistics. Data derived from death certificates in the absence of autopsy data are useful in establishing valid mortality statistics. Data derived from death certificates in the absence of autopsy data have repeatedly been shown to be inaccurate. New medical knowledge on existing diseases that is
derived from autopsy-based research is clearly important for everyone. Remarkably, new diseases continue to emerge which can only be fully investigated by autopsy. Presently, there is no direct funding to hospitals or doctors for autopsies is theoretically
included in fixed payments that hospitals receive. Thus, the federal government contends that it is paying for autopsies, they may not reach the pathology department or pathologist. Managed care organizations consider the autopsy to be built into their hospital contracts. However, these
organizations have stated that they are willing to reimburse for autopsies if and when they are convinced of their value. Sometimes, autopsies are performed in the hospital performing the service. This is different from autopsies the
family requests from private pathologists, which may lead to charges billed to the deceased's next of kin. By clicking "Submit," I agree to the MedicineNet and I understand that I may opt out of MedicineNet subscriptions at any time. Beginning in the 1950s,
hospital autopsy rates started falling from an average of around 50% of all deaths to 10% in the late 1990s. Currently, the rates are even lower at non-academic hospitals. In 1970, the Joint Commission for Accreditation of Hospitals dropped the requirement that a hospital needed an autopsy rate of 20% to be accredited. Family factors: Certainly the
relationship between patients and their doctors has changed dramatically over the past 50 years due to factors such as specialization, managed care, and the disappearance of the "house call." Physicians no longer are "family doctors" and do not have the same rapport with patients and their families as in past years. This change in the basic doctor-
patient relationship may make it increasingly difficult to obtain consent for an autopsy. Concerns over disfigurement of the remains or delays in funeral arrangements may prevent a vast majority of families from consenting to an autopsy. In reality, however, the visual examination of the body and the remains or delays in funeral arrangements may prevent a vast majority of families from consenting to an autopsy.
examination can be completed in a few hours. Furthermore, there are no visible external changes that would preclude an open-casket funeral service. In the majority of cases and certainly at academic medical centers, there is currently no charge to the family and frequently, no compensation for its performance. More recently, though, some
institutions have started to charge, and private autopsies at the request of family members that are performed outside of the hospital may cost several thousand dollars. Clinician factors: Most physician feels that a family questions
the care that their relative was given, the physician may be reluctant to request an autopsy that might prove that the autopsy outdated. With modern imaging studies and laboratory tests, it is thought that the autopsy is unlikely to reveal any conditions
that were not detected clinically. The accuracy of the clinical diagnosis has been the subject of numerous research studies. These studies have consistently shown that in 20% to 40% of autopsied patients, there were important, treatable conditions that were detected at autopsy that were not diagnosed clinically. This consistent and significant
discrepancy between clinical and pathologic diagnoses is probably the most compelling argument for continued efforts to revive the autopsy as the "gold standard" in evaluating the quality of an autopsy if the pathologist does not provide answers regarding the
case. Unfortunately, an autopsy does not guarantee that the cause of death, for example, a heart arrhythmia, will be identified. Autopsy pathology is a vanishing subspecialty, which, for the most part, has been relegated to a secondary position. At the turn of the century, most of the pathologist's activities revolved around the autopsy. Since that time,
laboratory medicine and surgical pathology (examining tissue biopsies from living patients) have become the majority of pathologists. For many pathologists, an autopsy is an extra burden with no compensation during a busy day.
Government agencies that regulate the accreditation of hospitals and nursing home sare deeply concerned about the decline in autopsy rates. For example, surveys have indicated that less than 1% of nursing home services, recently attempted to
prove that particular nursing homes were substandard. Such efforts were thwarted by the lack of hard evidence. The allegations could not be proven because the patients in question were not autopsied and the actual causes of death could not, therefore, be confirmed. Some information can only be acquired during an autopsy. The information
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autopsies can provide benefits to society, the medical profession, and families. Many physicians believe that autopsy should be revived. Whether or not it will be revived remains to be seen. Are autopsy should be revived remains to be seen. Are autopsy and postmortem generally refer to the same procedure. "Autopsy" is the more commonly used term in medical contexts, while "postmortem" is often used in legal or investigative settings. Both terms essentially mean "examination after death." Why is the tongue removed during autopsy? The tongue is removed during autopsy? The tongue is removed during autopsy to thoroughly examine the oral cavity, access other throat structures, document any abnormalities, take tissue samples for further examination, and eliminate obstruction. This step is crucial in forensic medicine and pathology because it allows for a detailed examination of the neck organs, which is essential for excluding other possible causes of death. While the tongue may be removed in certain cases, it is not a standard procedure during autopsies. The primary goal remains to

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determine the cause of death through a thorough examination of relevant organs and tissues. Is the brain removed during autopsy, the brain is typically removed in a formalin solution for future analysis. This allows pathologists to thoroughly inspect of the procedure. If necessary, the brain is typically removed and examined as part of the procedure. If necessary, the brain is typically removed and examined as part of the procedure.
the brain for any abnormalities, such as signs of injury, disease, or other conditions that may have contributed to the individual's death. The brain can provide valuable insights into the cause of death and any underlying health issues the deceased may have had. Medically Reviewed on 5/20/2024 Autopsy 101. Medscape. Philadelphia College of
Osteopathic Medicine. "What is an autopsy? A forensic pathologist explains." Published March 16, 2023. Accessed May 8, 2024. . Smith M. "Autopsies: When Are They Done?" WebMD. Accessed May 8, 2024. . Johns
Hopkins Medicine. "Autopsy." Accessed May 8, 2024. . Charan Gowda BK, Mohan CV, Hemavathi. "Oral autopsy: A simple, faster procedure for total visualization of oral cavity." J Forensic Dent Sci. 2016;8(2):103-107
doi:10.4103/0975-1475.186375. Biorepositories and Biospecimen Research Branch - National Cancer Institute. "Brain Autopsy Normal Tissue Collection.," Accessed May 7, 2024. 20Brain%20Autopsy%20Normal%20Tissue%20Collection. "Accessed May 7, 2024. 20Brain%20Autopsy%20Normal%20Tissue%20Collection." Accessed May 7, 2024. 20Brain%20Autopsy%20Normal%20Tissue%20Collection.
(disambiguation). This article is about the medical procedure. For other uses, see Autopsy (disambiguation). Medical intervention Autopsy.[citation needed]SpecialtyForensic pathologyICD-9-CM89.8MeSHD001344[edit on Wikidata] An autopsy (also referred to as post
mortem examination, obduction, necropsy, [Note 1] or autopsia cadaverum) is a surgical procedure that consists of a thorough examination of acorpse by dissection to determine the cause, mode, and manner of death; or the exam may be performed to evaluate any disease or injury that may be present for research or educational purposes. The term
necropsy is generally used for non-human animals. Autopsies are usually performed by a specialized medical doctor called a pathologist. Only a small portion of deaths require an autopsy to be performed, under certain circumstances. In most cases, a medical examiner or coroner can determine the cause of death. Autopsies are performed for either
legal or medical purposes. Autopsies can be performed when any of the following information is desired: Manner of death must be determined Determining the deceased's identity Retain relevant organs If it is an infant, determine live birth and
viability For example, a forensic autopsy is carried out when the cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is performed to find the medical cause of death may be a criminal matter, while a clinical or academic autopsy is carried out when the cause of death may be a criminal matter, while a clinical or academic autopsy is carried out when the cause of death may be a criminal matter, while a clinical or academic autopsy is carried out when the cause of death may be a criminal matter, while a clinical or academic autopsy is carried out when the cause of death may be a criminal matter and a clinical or academic autopsy is carried out when the cause of death may be a criminal matter and a clinical or academic autopsy is carried out when the cause of death may be a criminal matter and a clinical or academic autopsy is carried out a clinical or academic academic academic academic academic acad
suffices, and those where the body is dissected and an internal autopsy in some cases. Once an internal autopsy in some cases. Once an internal autopsy is complete, the body is reconstituted by sewing it back together. The term "autopsy" derives from the Ancient Greek αὐτοψία autopsia, "to see for oneself"
derived from αὐτός (autos, "oneself") and ὄψις (opsis, "sight, view").[1] The term "post-mortem" derived from the Greek νεκρός (nekrós, "dead") and ὄψις (opsis, 'sight, view').[4]
[5] The principal aims of an autopsy are to determine the cause of death, mode of death, manner of death, manner of death, medical diagnosis and treatment before death were appropriate.
year since 1955. Critics, including pathologist and former JAMA editor George D. Lundberg, have charged that the reduction in autopsies is negatively affecting the care delivered in hospitals, because when mistakes result in death, they are often not investigated and lessons, therefore, remain unlearned. When a person has permitted an autopsy in
advance of their death, autopsies may also be carried out for the purposes of teaching or medical research. An autopsy is usually performed in cases of sudden death, where a doctor is not able to write a death certificate, or when death is believed to result from an unnatural cause. These examinations are performed under a legal authority (medical
examiner, coroner, or procurator fiscal) and do not require the consent of relatives of the deceased. The most extreme examiners are looking for signs of death or the murder method, such as bullet wounds and exit points, signs of strangulation, or traces of poison. Some religions
including Judaism and Islam usually discourage the performing of autopsies on their adherents.[7] Organizations such as ZAKA in Israel and Misaskim in the United States generally guide families on how to ensure that an unnecessary autopsy is not made. Autopsies are used in clinical medicine to identify a medical error or a previously unnoticed
condition that may endanger the living, such as infectious diseases or exposure to hazardous materials.[8] A study that focused on myocardial infarction (MIs) were not MIs and a significant number
of non-MIs were MIs. A systematic review of studies of the autopsies, a major diagnostic error will be revealed.[10] However, this rate has decreased over time and the study projects that in a contemporary US institution, 8.4% to 24.4% of autopsies will detect major diagnostic errors. A large meta-analysis
suggested that approximately one-third of death certificates are incorrect and that half of the autopsies performed produced findings can only be diagnosed histologically, i.e., by biopsy or autopsy, and that approximately one-quarter of
unexpected findings, or 5% of all findings, or 5% of all findings, are major and can similarly only be diagnoses, including 21 cancers, 12 strokes, 11 myocardial infarctions, 10 pulmonary emboli, and 9 endocarditis, among others. [12] Focusing on intubated patients, one
study found "abdominal pathologic conditions - abscesses, bowel perforations, or infarction - were as frequent as pulmonary emboli as a cause of class I errors. While patients with abdominal pathologic conditions generally complained of abdominal pain, results of an examination of the abdomen were considered unremarkable in most patients, and
the symptom was not pursued".[13] Dissection room at the University of Helsinki in Finland in 1928 There are four main types of autopsy:[14] Medico-legal or forensic or coroner's autopsies seek to find the cause and manner of death and to identify the decedent.[14] They are generally performed, as prescribed by applicable law, in cases of violent,
suspicious or sudden deaths, deaths without medical assistance, or during surgical procedures.[14] Clinical or pathological autopsies are performed to diagnose a particular disease or for research purposes. They aim to determine, clarify, or confirm medical diagnoses that remained unknown or unclear before the patient's death.[14] Anatomical or
academic autopsies are performed by students of anatomy for study purposes only. Virtual or medical imaging (MRI) and computed tomography (CT).[15] Autopsy room of the Charité Berlin, Germany, 2010 A forensic autopsy is used to determine the
cause, mode, and manner of death. Forensic science involves the application of the sciences to answer questions of interest to the legal system. Medical examiners attempt to determine the time of death, and what, if anything, preceded the death, such as a struggle. A forensic autopsy may include obtaining biological
specimens from the deceased for toxicological testing, including stomach contents. Toxicology tests may reveal the presence of one or more chemical "poisons" (all chemicals, in sufficient quantities, can be classified as a poison) and their quantity. Because post-mortem deterioration of the body, together with the gravitational pooling of bodily fluids,
will necessarily alter the bodily environment, toxicology tests may overestimate, rather than underestimate, the quantity of the suspected chemical. [16] Following an in-depth examination of all the evidence, a medical examiner or coroner will assign a manner of death from the choices proscribed by the fact-finder's jurisdiction and will detail the
evidence on the mechanism of the death. Pathologist performing a human dissection of the abdominal and thoracic organs in an autopsy room Clinical autopsies serve two major purposes. They are performed to gain more insight into pathologist performed to gain more insight into pathologist performing a human dissection of the abdominal and thoracic organs in an autopsy room Clinical autopsies serve two major purposes. They are performed to gain more insight into pathologist performed to gain more insight in 
infectious disease testing can be collected during an autopsy.[17] Autopsies are also performed to ensure the standard of care at hospitals. Autopsies can be carried out only with the consent of the family of the deceased person, as
opposed to a medico-legal autopsy instructed by a Coroner (England & Wales) or Procurator Fiscal (Scotland), to which the family cannot object.[18] Over time, autopsies have not only been able to determine the cause of death, but have also led to discoveries of various diseases such as fetal alcohol syndrome, Legionnaire's disease, and even viral
hepatitis. Academic autopsies are performed by students of anatomy for the purpose of study, giving medical students and residents firsthand experience viewing anatomy and pathology. Postmortem examinations require the skill to connect anatomic and clinical pathology together since they involve organ systems and interruptions from ante-morten
and post-mortem. These academic autopsies allow for students to practice and develop skills in pathology and become meticulous in later case examinations. [19] Virtual autopsies are performed using radiographic techniques which can be used in post-mortem examinations for a deceased individual. [20] It is an alternative to medical autopsies, where
radiographs are used, for example, Magnetic resonance imaging (MRI) and Computed tomography (CT scan) which produce radiographic images in order to determine the cause of death, the nature, and the manner of death, without dissecting the deceased. It can also be used in the identification of the deceased. [21] This method is helpful in
determining the questions pertaining to an autopsy without putting the examiner at risk of biohazardous materials that can be in an individual's body. In 2004 in England and Wales, there were 514,000 deaths, of which 225,500 were referred to the coroner. Of those, 115,800 (22.5% of all deaths) resulted in post-mortem examinations and there were
28,300 inquests, 570 with a jury. [22] The rate of consented (hospital) autopsy in the UK and worldwide has declined rapidly over the past 50 years. In the UK in 2013, only 0.7% of inpatient adult deaths were followed by consented autopsy. [23] The autopsy rate in Germany is below 5% and thus much lower than in other countries in Europe. The
governmental reimbursement is hardly sufficient to cover all the costs, so the medical journal Deutsches Ärzteblatt, issued by the German Medical Association, makes the effort to raise awareness regarding the underfinancing of autopsies. The same sources stated that autopsy rates in Sweden and Finland reach 20 to 30%.[24] In the United States
autopsy rates fell from 17% in 1980 to 14% in 1985[25] and 11.5% in 1989,[26] although the figures vary notably from county to county. [27] Cadaver dissection tables are similar to those used in medical or forensic autopsies. The body is received at a medical examiner's office, municipal mortuary, or hospital in a body bag or evidence sheet. A new
body bag is used for each body to ensure that only evidence from that body is contained within the bag. Evidence sheet is a sterile sheet that covers the body when it is moved. If it is believed there may be any significant evidence on the hands, for example, gunshot residue or skin under
the fingernails, a separate paper sack is put around each hand and taped shut around the wrist. There are two parts to the physical examination of the body: the external and internal examination. Toxicology, biochemical tests or genetic testing/molecular autopsy often supplement these and frequently assist the pathologist in assigning the cause or
causes of death. At many institutions, the person responsible for handling, cleaning, and moving the body is called a diener, the German word for servant. In the UK this role is performed by an Anatomical Pathology Technician (APT), who will also assist the pathologist in eviscerating the body and reconstruction after the autopsy. After the body is
received, it is first photographed. The examiner then notes the kind of clothes - if any - and their position on the body before they are removed. Next, any evidence such as residue, flakes of paint, or other material is collected from the external surfaces of the body. Ultraviolet light may also be used to search body surfaces for any evidence not easily
visible to the naked eye. Samples of hair, nails, and the like are taken, and the body may also be radiographically imaged. Once the external evidence is collected, the body is then cleaned, weighed, and measured in preparation for the internal examination. A
general description of the body as regards ethnic group, sex, age, hair colour, and other distinguishing features (birthmarks, old scar tissue, moles, tattoos, etc.) is then made. A voice recorder or a standard examination form is normally used to record this information. In some countries, [28][29] e.g., Scotland, France, Germany
Russia, and Canada, an autopsy may comprise an external examination only. This concept is sometimes termed a "view and grant". The principle behind this is that the medical records, history of the deceased and circumstances of death have all indicated as to the cause and manner of death without the need for an internal examination. [30] If not
already in place, a plastic or rubber brick called a "head block" is placed under the shoulders of the corpse; hyperflexion of the neck makes the spine arch backward while stretching and pushing the chest upward to make it easier to incise. This gives the APT, or pathologist, maximum exposure to the trunk. After this is done, the internal examination
begins. The internal examination consists of inspecting the internal examination there are a number of different approaches available: a large and deep Y-shaped incision can be made starting at the top of each shoulder and running down
the front of the chest, meeting at the lower point of the sternum (breastbone). a curved incision made from the sternal notch at the base of the neck.
a U-shaped incision is made at the tip of both shoulders, down along the side of the chest to the bottom of the rib cage, following it. This is typically used on women and during chest-only autopsies. There is no need for any incision to be made, which will be visible after completion of the examination when the deceased is dressed in a shroud. In all of
the above cases, the incision then extends all the way down to the public bone (making a deviation to either side of the navel) and avoiding, where possible, transecting any scars that may be present. Bleeding from the cuts is minimal, or non-existent because the pull of gravity is producing the only blood pressure at this point, related directly to the
complete lack of cardiac functionality. However, in certain cases, there is anecdotal evidence that bleeding can be quite profuse, especially in cases of drowning. At this point, shears are used to open the chest cavity. The examiner uses the tool to cut through the ribs on the costal cartilage, to allow the sternum to be removed; this is done so that the
heart and lungs can be seen in situ and that the heart - in particular, the pericardial sac - is not damaged or disturbed from opening. A PM 40 knife is used to remove the sternum from the soft tissue that attaches it to the mediastinum. Now the lungs and the heart are exposed. The sternum is set aside and will eventually be replaced at the end of the
autopsy. At this stage, the organs are exposed. Usually, the organs are removed in a systematic fashion. Organs can be removed in a systematic fashion. Organs can be removed in a systematic fashion. Organs are to be removed in a systematic fashion. Organs are to be removed in a systematic fashion. Organs are to be removed in a systematic fashion. Organs can be removed in several ways: The first is the en masse technique of Letulle whereby all the organs are removed as one large
mass. The second is the en bloc method of Ghon. The most popular in the UK is a modified version of this method, which is divided into four groups of organs. Although these are the two predominant evisceration techniques, in the UK variations on these are widespread. One method is described here: The pericardial sac is opened to view the heart.
Blood for chemical analysis may be removed from the inferior vena cava or the pulmonary veins, the aorta and pulmonary artery, and the superior vena cava. This method
leaves the aortic arch intact, which will make things easier for the embalmer. The left lung is then easily accessible and can be removed by cutting the bronchus, artery, and vein at the hilum. The right lung can then be similarly removed. The abdominal organs can be removed one by one after first examining their relationships and vessels. Most
pathologists, however, prefer the organs to be removed all in one "block". Using dissection of the fascia, blunt dissection; using the fingers or hands and traction; the organs are dissected out in one piece for further inspection and sampling. During autopsies of infants, this method is used almost all of the time. The various organs are examined,
weighed and tissue samples in the form of slices are taken. Even major blood vessels are cut open and inspected at this stage. Next, the stomach and intestinal contents are examined and weighed. This could be useful to find the cause and time of death, due to the natural passage of food through the bowel during digestion. The more area empty, the
longer the deceased had gone without a meal before death. A brain autopsy demonstrating signs of meningitis. The forceps (center) are retracting the dura mater (white). Underneath the dura mater are the leptomeninges, which appear to be edematous and have multiple small hemorrhagic foci. Autopsy of a brain after sectioning, showing a normal
brain with the cerebrum cut in coronal sections, and the cerebellum, pons and medulla cut in horizontal sections. Standard sections for microscopic examine the brain, an incision is made from behind one ear, over the crown
of the head, to a point behind the other ear. When the autopsy is completed, the incision can be neatly sewn up and is not noticed when the head is resting on a pillow in an open casket funeral. The scalp is pulled away from the skull in two flaps with the front flap going over the face and the rear flap over the back of the neck. The skull is then cut
with a circular (or semicircular) bladed reciprocating saw to create a "cap" that can be pulled off, exposing the brain. The brain is lifted out of the skull for further examination. If the brain needs to be preserved before being
inspected, it is contained in a large container of formalin (15 percent solution of formaldehyde gas in buffered water) for at least two, but preferably four weeks. This not only preserves the brain, but also makes it firmer, allowing easier handling without corrupting the tissue. An important component of the autopsy is the reconstitution of the body
such that it can be viewed, if desired, by relatives of the deceased following the procedure. After the examination, the body has an open and empty thoracic cavity with chest flaps open on both sides; the top of the skull is missing, and the skull flaps are pulled over the face and neck. It is unusual to examine the face, arms, hands or legs internally. In
the UK, following the Human Tissue Act 2004 all organs and tissue must be returned to the body unless permission is given by the family to retain any tissue for further investigation. Normally the internal body cavity is lined with cotton, wool, or a similar material, and the organs are then placed into a plastic bag to prevent leakage and are returned
to the body cavity. The chest flaps are then closed and sewn back together and the skull cap is sewed back in place. Then the body may be wrapped in a shroud, and it is common for relatives to not be able to tell the procedure has been done when the body is viewed in a funeral parlor after embalming. Cavitation at gross pathology of an old stroke in
the left posterior parietal lobe An autopsy of stroke may be able to establish the time of death. Various microscopic findings are present at times from the onset of cerebral infarction as follows:[31] Histopathology at high magnification of a normal neuron, and an ischemic stroke at approximately 24 hours on H&E
stain: The neurons become hypereosinophilic and there is an infiltrate of neutrophils. There is slight edema and loss of normal architecture in the surrounding neuronal injuries 1-60 days Coagulative necrosis 1 day - 5 years
Spongiosis of surrounding tissue 1 day and older Astrogliosis (gemistocytes) 2 days and older Neo-vascularization 3 days and older Hemosiderin pigment 3 days and older Mononuclear inflammatory cells 3 days-50 years Macrophages 3 days-50 years Cavitation 12 days or older Micrograph showing cortical pseudolaminar necrosis, a finding seen in
strokes on medical imaging and at autopsy. H&E-LFB stain. Micrograph of the superficial cerebral cortex showing neuron loss and reactive astrocytes in a person that has had a stroke. H&E-LFB stain. See also: History of dissection D
removal and examination of the internal organs of humans in the religious practice of mummification.[1][32] Autopsies that opened the body to determine the cause of death were attested at least in the early third millennium BCE, although they were opposed in many ancient societies where it was believed that the outward disfigurement of dead
persons prevented them from entering the afterlife[33] (as with the Egyptians, who removed the organs through tiny slits in the body).[1] Notable Greek autopsists were Erasistratus and Herophilus of Chalcedon, who lived in 3rd century BCE Alexandria, but in general, autopsies were rare in ancient Greece.[33] In 44 BCE, Julius Caesar was the
subject of an official autopsy after his murder by rival senators, the physician's report noting that the second stab wound Caesar received was the fatal one.[33] Julius Caesar had been stablished clear parameters for autopsies.[1] The greatest ancient anatomist
was Galen (CE 129- c. 216), whose findings would not be challenged until the Renaissance over a thousand years later. [35] Autopsy (1890) by Enrique Simonet Ibn Tufail has elaborated on autopsy in his treatise called Hayy ibn Yagzan and Nadia Maftouni, discussing the subject in an extensive article, believes him to be among the early supporters of
autopsy and vivisection.[36] The dissection of human remains for medical or scientific reasons continued to be practiced irregularly after the Romans, for instance by the Arab physicians Avenzoar and Ibn al-Nafis. In Europe they were done with enough regularly after the Romans, for instance by the Arab physicians Avenzoar and Ibn al-Nafis.
filling the veins with wax and metals.[35] Until the 20th century,[35] it was thought that the modern autopsy process derived from the anatomical pathology,[37] wrote the first exhaustive work on pathology, De Sedibus et Causis Morborum per
Anatomen Indagatis (The Seats and Causes of Diseases Investigated by Anatomy, 1769).[1] In 1543, Andreas Vesalius conducted a public dissection of the body of a former criminal. He asserted and articulated the bones, this became the world's oldest surviving anatomical preparation. It is still displayed at the Anatomical Museum at the University of
Basel.[38] In the mid-1800s, Carl von Rokitansky and colleagues at the Second Vienna Medical School began to undertake dissections as a means to improve diagnostic medicine.[34] The 19th-century medical researcher Rudolf Virchow, in response to a lack of standardization of autopsy procedures, established and published specific autopsy
protocols (one such protocol still bears his name). He also developed the concept of pathologist, a medical examiner trained in medicine, charged with investigating the cause of all unnatural deaths, including accidents, homicides
suicides, etc. A field post-mortem exam of an ewe (female sheep) A post-mortem examination, or necropsy, is far more common in veterinary medicine than in human medicine. For many species that exhibit few external symptoms (sheep), or that are not suited to detailed clinical examination (poultry, cage birds, zoo animals), it is a common method
used by veterinary physicians to come to a diagnosis. A necropsy is mostly used like an autopsy to determine the cause of death. The entire body is examined at the gross visual level, and samples are collected for additional analyses. [40] Body identification Digital autopsy Forensic facial reconstruction Forensic identification
 Murder book Virtopsy Vivisection ^ The term necropsy usually refers to an autopsy for a non-human body, while the terms autopsy, post-mortem, and obduction are usually for human bodies. ^ a b c d e Rothenberg K (2008). "The Autopsy Through History". In Ayn Embar-seddon, Allan D. Pass (ed.). Forensic Science. Salem Press. p. 100. ISBN 978-1-
58765-423-7. ^ Clark MJ (2005). "Historical Keyword 'autopsy'". The Lancet. 366 (9499): 1767. doi:10.1016/S0140-6736(05)67715-X. PMID 16298206. ^ "post-mortem (adj.)". Online Etymology Dictionary. Retrieved 28 April 2020. ^ Hirst GM, Colson FH (1929). "Stories and Legends. A First Greek Reader, with Notes, Vocabulary and Exercises". The
Classical Weekly. 22 (12): 96. doi:10.2307/4389260. STOR 4389260. STOR 4
baderscott.com. 2 August 2023. Retrieved 2 March 2024. ^ Religions and the Autopsy at eMedicine ^ Michael Tsokos, "Die Klaviatur des Todes", Knaur, Munich, 2013, pp. 179-89 ^ Ravakhah K (July 2006). "Death Certificates Are Not Reliable: Revivification of the Autopsy". Southern Medical Journal. 99 (7): 728-733.
doi:10.1097/01.smj.0000224337.77074.57. PMID 16866055. ^ Shojania KG, Burton EC, McDonald KM, Goldman L (2003). "Changes in rates of autopsy-detected diagnostic errors over time: a systematic review". JAMA: The Journal of the American Medical Association. 289 (21): 2849-56. doi:10.1001/jama.289.21.2849. PMID 12783916. ^ Roulson J.
Benbow EW, Hasleton PS (December 2005). "Discrepancies between clinical and autopsy diagnosis and the value of post mortem histology; a meta-analysis and review". Histopathology. 47 (6): 551-559. doi:10.1111/j.1365-2559.2005.02243.x. PMID 16324191. ^ Combes A, Mokhtari M, Couvelard A, Trouillet JL, Baudot J, Hénin D, Gibert C, Chastre J
(2004). "Clinical and autopsy diagnoses in the intensive care unit: a prospective study". Archives of Internal Medicine. 164 (4): 389-92. doi:10.1001/archinte.164.4.389. PMID 14980989. ^ Papadakis MA, Mangione CM, Lee KK, Kristof M (1991). "Treatable abdominal pathologic conditions and unsuspected malignant neoplasms at autopsy in veterans
who received mechanical ventilation". JAMA: The Journal of the American Medical Association. 265 (7): 885-87. doi:10.1001/jama.265.7.885. PMID 1992186. ^ a b c d Strasser RS (2008). "Autopsies". In Ayn Embar-seddon, Allan D. Pass (ed.). Forensic Science. Salem Press. p. 95. ISBN 978-1-58765-423-7. ^ Roberts IS, Benamore RE, Benbow EW,
Lee SH, Harris JN, Jackson A, Mallett S, Patankar T, Peebles C, Roobottom C, Traill ZC (2012). "Post-mortem imaging as an alternative to autopsy in the diagnosis of adult deaths: A validation study". The Lancet. 379 (9811): 136-42. doi:10.1016/S0140-6736(11)61483-9. PMC 3262166. PMID 22112684. ^ Mahoney Criminal Defense Group ^ Barton L,
Duval E, Stroberg E, Ghosh S, Mukhopadhyay S (April 2020). "COVID-19 autopsies, Oklahoma, USA". American Journal of Clinical Pathology. 153 (6): 725-733. doi:10.1093/ajcp/aqaa062. PMC 7184436. PMID 32275742. ^ Peres LC (2017). "Post-mortem examination in the United Kingdom: present and future". Autopsy and Case Reports. 7 (2): 1-3.
doi:10.4322/acr.2017.017. PMC 5507562. PMID 28740832. ^ Krywanczyk A, Mount S (February 2018). "In Defense of the Academic Autopsy". Archives of Pathology & Laboratory Medicine. 142 (2): 157-158. doi:10.5858/arpa.2017-0344-LE. PMID 29372850. ^ Wichmann D, Obbelode F, Vogel H, Hoepker WW, Nierhaus A, Braune S, Sauter G,
Pueschel K, Kluge S (17 January 2012). "Virtual Autopsy as an Alternative to Traditional Medicine. 156 (2): 123-130. doi:10.7326/0003-4819-156-2-201201170-00008. PMID 22250143. ^ Filograna L, Pugliese L, Muto M, Tatulli D, Guglielmi G, Thali MJ, Floris
R (February 2019). "A Practical Guide to Virtual Autopsy: Why, When and How". Seminars in Ultrasound, CT and MRI. 40 (1): 56-66. doi:10.1053/j.sult.2018.10.011. PMID 30686369. ^ UK Department for Constitutional Affairs (2006), Coroners Service Reform Briefing Note Archived 2008-11-06 at the Wayback Machine, p. 6 ^ Turnbull A.J., Osborn
M., Nicholas N. (June 2015). "Hospital Autopsy: endangered or extinct?". Journal of Clinical Pathology. 68 (8): 601-04. doi:10.1136/jclinpath-2014-202700. PMC 4518760. PMID 26076965. ^ "Leichenschau: Gefahr durch Unterfinanzierung von Bernd Thode" (in German). Deutsches Ärzteblatt. 2019. Retrieved 21 September 2019. ^ Centers for
Disease Control and Prevention (1988), Current Trends Autopsy Frequency - United States, 1980-1985, Morbidity and Mortality Weekly Report, 37(12);191-94 Pollock DA, O'Neil JM, Parrish RG, Combs DL, Annest JL (1993). "Temporal and geographic trends in the autopsy frequency of blunt and penetrating trauma deaths in the United States".
JAMA: The Journal of the American Medical Association. 269 (12): 1525–31. doi:10.1001/jama.1993.03500120063027. PMID 8445815. ^ "Products - Data Briefs - Number 67". Centers for Disease Control and Prevention. August 2011. Retrieved 6 February 2017. ^ "Glossary:Autopsy". ec.europa.eu. Retrieved 2 March 2024. ^ "MEDICO-LEGAL"
SYSTEMS IN EUROPE | Office of Justice Programs". www.ojp.gov. Retrieved 2 March 2024. ^ St Andrew's House (18 July 2007). "Inspectorate of Prosecution in Scotland - Death Cases: A Thematic Report on Liaison in Death Cases with Particular Reference to Organ Retention". Scottish Government. ^ Mărgăritescu O, Mogoantă L, Pirici D,
Cernea D, Mărgăritescu C (2009). "Histopathological changes in acute ischemic stroke". Rom J Morphol Embryol. 50 (3): 327-39. PMID 19690757. ^ "Medicine". Archived from the original on 9 March 2011. ^ a b c Schafer ED (2008). "Ancient science and forensics". In Ayn Embar-seddon, Allan D. Pass (ed.). Forensic Science. Salem Press. p. 43.
ISBN 978-1-58765-423-7. ^ a b Bryant, Clifton. Handbook of Death and Dying. California: Sage Publications, Inc, 2003. Print. ISBN 0-7619-2514-7 ^ a b c Pappas S (5 March 2013). "Grotesque Mummy Head Reveals Advanced Medieval Science". Live Science. Retrieved 7 May 2018. ^ Maftouni N (3 April 2019). "Concept of sciart in the Andalusian
Ibn Tufail". Pensamiento. Revista de Investigación e Información Filosófica. 75 (283 S.Esp): 543-551. doi:10.14422/pen.v75.i283.y2019.031. ^ Battista Morgagni, Britannica Online Encyclopedia ^ "The Fabric of the human body". Stanford University. Retrieved 6 February 2017. ^ Küskü EA (1 January 2022). "Examination of Scientific Revolution".
Medicine on the Human Body / Bilimsel Devrim Tibbini İnsan Bedeni Üzerinden İncelemek". The Legends Journal of European History Studies. ^ "Necropsy". University Animal Care, The University of Arizona. Archived from the original on 7 February 2017. Retrieved 6 February 2017. Wikimedia Commons has media related to Autopsies. Wikisource
has the text of the 1911 Encyclopædia Britannica article "Autopsy". Quotations related to Autopsy - a detailed description by a pathologist complete with cartoon figures. The Virtual Autopsy - a site from the University of Leicester where one examines the patient, looks at the (medical) history and gets a try at the diagnosis.
Autopsy of a Murder - An interactive exploration of a murder scene and the science involved in a criminalistic investigation: autopsy and laboratory expertise. Produced by the Montreal Science Centre for its namesake exhibition. Autopsy checklist and reporting template at Patholines Retrieved from "
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