I'm not a robot



Children's Hospital Colorado provides around-the-clock pathology and clinical laboratory services for our patients, community providers and physicians. Our state-of-the-art laboratories are staffed with highly skilled pathologies to provide the highest quality patient care by:Providing highly specialized insights on pediatric pathology.Performing the tests your child needs.Serving as vital consultants to our physicians for test selection and interpretation.Offering comprehensive lab and pathology services, ranging from core laboratory testing to esoteric and genetic testing.We believe that quality care should be accessible, which is why we provide expert pediatric pathology and laboratory services at locations throughout the state. Laboratory services at locations throughout throughout throughout the state. Laboratory services at locations throughout throughout throughout throughout throughout throughout throughout throughou lab and pathology services include: Specialized diagnostic testing Cancer testing those caused by bacteria, fungi, parasites and infectious diseases. What makes our pediatric labs different? At Children's Colorado, you'll find care that goes beyond medicine. Every aspect of our laboratory services is tailored to kids and their unique physical and emotional needs. That means that everything from our waiting room and equipment to our tests and how we deliver their results is centered around children. Here are some of the unique ways we care for kids: We never ask the parent to leave during the procedure. In fact, we encourage you to hold, hug and comfort your child, which helps a lot. We communicate with each child according to their age, while understanding their fears and empathizing with parents. We're experts in testing samples from kids. Our tests account for kid-specific variables that affect test results, such as the patient's age and weight. We distract our patients by talking about the different things they enjoy to help relieve some of their anxiety. We explain exactly what we are going to do, how long it will take and answer any questions you or your child might have. The results of our tests are accurate, tailored to each patient and offer the insights needed to formulate the proper treatment plan. Learn more about Children's Colorados state-of-the-art laboratory services. Why choose Children's Colorados pathology and laboratory services? At Children's Colorado, our hospital is specially designed to meet the unique needs of kids. This means our laboratories are staffed with experts in pediatric pathology, and the nurses and phlebotomy. Here you'll find: Unparalleled expertise welcoming, kid-friendly environment Virtually every diagnostic test you or your child might needHighly specialized testing capabilitiesWe're dedicated to producing quick turnaround times so patients and their parents the answers they need quickly. And your child is just steps away from pediatric experts who can manage their care and effectively treat whatever the test results show. How to schedule Outpatient Lab services Families can schedule visits for our Outpatient Lab at the following Childrens Hospital Colorado locations: Youll have several options for schedule an appointment for you during your visit. Call us at 720-777-0001. Schedule through MyChart. Walk-in visits are still available. Note that some types of collections will continue to be walk-in only. To see if your lab collection is eligible for scheduling, give us a call at 720-777-0001. Contact the Department of Pathology and Laboratory Services or how to proceed, browse our list of frequently asked questions or contact our Client Services Call Center. At Childrens Colorado, our goal is to provide safe and high-quality care to kids. With measles spreading across the region, we strongly recommend that all patients and visitors to our locations wear masks in waiting rooms, regardless of symptoms. Learn more about our visitor policies. The Department of Pathology and Laboratory Services offers routine and rare laboratory services 24 hours a day, 7 days a week, 365 days a year. Our clinical, pathological and genetic laboratory services at Children's Hospital ColoradoOur laboratory testing plays a key role in the detection, diagnosis and treatment of pediatric, adult and prenatal conditions. With state-of-the-art laboratory services, facilities and technologies, we support and guide quality patient care across the pediatric spectrum. Our labs offer awide range of high-quality lab screenings and diagnostic tests with rapid turnaround times, as well as an unmatched scope and capabilities, including diagnostic tests that aren't available anywhere else in the country. We provide access to the care and expertise of the Childrens Colorado specialists your child may need and laboratory services and clinical laboratory ser labsOur clinical pathologists focus on the diagnosis, treatment and prevention of disease to support your child's care. Our CAP-accredited clinical labs also improve physicians' ability to treat patients. We have several clinical labs here at Children's Colorado, each providing unique expertise. The Core Laboratory testing on blood, body fluids and urine 24 hours a day, 7 days a week. The laboratory testing, so they can provide the extra level of expertise necessary to help diagnose and treat pediatric illnesses. The Core Laboratory gets providers the evidence they need to make informed clinical decisions about the concentrations of specific chemicals in blood, urine and other bodily fluids. We're able to complete most general chemistry tests in one hour, allowing physicians to make critical care decisions in a timely manner. Hematology Laboratory help our doctors at The Hematology Laboratory help our Program properly diagnose and care for patients with blood disorders. Flow Cytometry Lab: This laboratory analyzes blood and bone marrow samples, providing the evidence physicians at the Center for Cancer and Blood Disorders need to make a diagnosis. Because we believe in making quality care accessible and we want to make things a little easier for your family, we offer care as close to home as possible. We have outpatient labs at locations throughout Colorado. The pathology and laboratory medicine experts at our outpatient labs specialize in pediatric blood draws, so they know how to draw blood and obtain samples from the smallest of patients. When we're doing blood tests for kids, we aim to calm your child's fears and make them as comfortable as possible. Laboratory equipment tailored to kidsNo kid likes needles, which is why we perform finger sticks and heel sticks as often as possible. And when we need a larger sample and have to draw blood from a vein (venipuncture), we use the smallest possible needle: the butterfly needle. We also use heel and hand warmers to warm the site where we'll be drawing blood and to increase circulation and blood flow. Even though this takes a little more time, we believe it's important to go the extra mile so your child is as comfortable as possible. Sometimes, instead of coming to our lab for testing, the lab comes to you. Point-of-care (POC) testing refers to the tests that your child's care team member meets or exceeds our standards for quality and patient safety. The Transfusion Medicine branch of our Laboratory Services Department is responsible for receiving, processing, storing and shipping blood products drawn by the Blood Donor Center and subsequently preparing them for patient use. Through testing of patient blood Bank determines the blood product needs of each patient to meet their individual specifications. And as a level one trauma center for a seven-state surrounding area, the Blood Bank is prepared for trauma emergencies. The Blood and Marrow Transplant Laboratory: Working closely with the Pediatric Bone Marrow Transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant Program team, the pediatric plasma exchangeRed blood cell exchangeStem cell collections that are then manufactured in the Blood Donor Centerand stored in the Blood Do Lab serve as vital consultants to our physicians, helping to determine what medications will cure an infectious Disease, Antimicrobial Stewardship and Pharmacy teams this lab aids in the diagnosis of many diseases, including those caused by bacteria, fungi, parasites and other microorganisms. Our precision medicine laboratory, research and data analysis teams are vital to diagnosing and treating kids with rare conditions, creating individualized treatments and improving our care over time. Learn about the areas where we advance this work. Precision medicine clinical laboratory our care over time. Precision Diagnostics Laboratory specializes in advanced genetic testing for kids and adolescents. Through various types of tests, we can help families: Confirm a diagnosis Monitor a childs condition over timeDiagnose a rare condition if they estruggled to get a clear diagnosis Because genetic conditions often impact the entire family, we can evaluate several family members so you have a full picture of your familys health and risks. We can do this when we assess your child or in a follow-up appointment. When appropriate, we also offer home collection kits for convenience. Our state-of-the-art lab allows us to process and analyze results quickly, accurately and securely. This lab is staffed by professionally trained experts in genetics, medical technology, data and quality assurance. Genomic researchers so they can better understand the cause of genetic conditions and discover new treatments. We also help them bring these life-saving innovations to our patients faster. Technology and innovation to develop new treatments. Our experts regularly use and develop new treatments and data processes. We ensure they are valid and safe, and then bring them to our providers to improve our care. Improving diagnoses with dataUtilizing large amounts of data helps improve our precision medicine care. Thanks to advanced techniques and our experienced team, we can use data to more accurately diagnoses with dataUtilizing large amounts of data helps improve our precision medicine care. Thanks to advanced techniques and our experienced team, we can use data to more accurately diagnoses with dataUtilizing large amounts of data helps improve our precision medicine care. laboratory services and facilitiesThe goal of our Anatomic Pathology teams is to make accurate, specific and comprehensive diagnoses, enabling physicians to develop optimal treatment plans. Our pathologists are medical doctors who are specially trained in interpreting biopsy results and diagnosing a disease by examining tissue, blood and body fluid samples. The pathology laboratories help doctors diagnose or rule out diseases or conditions. We offer full anatomic pathology Autopsies Flow cytometry Electron microscopy Genetics laboratories and facilities. The genetics laboratories within the Department of Pathology and Laboratory Services aim to provide complete genetic solutions for genetic disorders. Our labs offer esoteric testing and next-generation sequencing for a wide range of genetic and cancer disorders. How to schedule Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits for our Outpatient Lab services families can schedule visits families visits families can schedule visits families scheduling appointments with our Outpatient Lab:Your care team may schedule an appointment for you during your visit. Call us at 720-777-0001. Schedule through MyChart. Walk-in only. To see if your lab collection is eligible for scheduling, give us a call at 720-777-0001. 777-0001. Contact the Department of Pathology and Laboratories, tests or how to proceed, browse our list of frequently asked questions or contact our Client Services Call Center. A telehealth visit offers you and your child access to many of the same, great benefits as an in-person visit but from the comfort and convenience of your own home. Your healthcare provider will likely need to do a physical exam of your telehealth appointmentUp to seven days in advance: Make sure your MyChart account is active, and you know your username and password. If you need help, please call the MyChart help desk at 720-777-6939. Complete this step at least a day before your childs appointment to avoid delays. The day before your visit:Make sure your technology is working, you have space set aside to conduct your childs appointment in, and you have all the items youll need on hand for a successful visit. Watch this short video for more info on how to be prepared. You can also view the video in Spanish. 30 minutes before your scheduled appointment time: Youll be able to click the Begin Video button. If this is your first visit, click the button and download Vidyo Connect. You may get a courtesy call from a Childrens Colorado team member to help you get connected. 10 minutes before your scheduled appointment time: Befo to your visit. Tips for a successful telehealth appointmentUse a reliable internet connection on a computer, phone or tablet. Use Wi-Fi or an unlimited cellular data plan if you have one. This will improve the speed and quality of your video connection and prevent unexpected data plan charges. If you have limited internet bandwidth, ask household members to temporarily disconnect from internet programs (like Netflix or Hulu, for example). Set up and log in to the parent or guardians MyChart account to join your video session, unless the patient is older than 18 years or it is a confidential teen visit. (If you don't have a MyChart account, please let your care team know so they can set up an account or send you a video link.) Teens may have their own MyChart account, but you will still log in using the parent/guardians account unless the visit is a confidential visit. Patients 18 and older need to join the telehealth visit from the patients. Make sure you eCheck-In before account, unless the visit is a confidential visit. Patients 18 and older need to join the telehealth visit from the patients. your visit. If you are using a phone or tablet, download VidyoConnect in the app store for Android or Apple. Prop phones or tablets on a shelf or table so your hands can stay free during telehealth visits. Shoes and egg cartons make great supports when propping up a phone. Your doctor may ask you to help your child perform certain motions during the telehealth visit for example, moving an arm to evaluate for stiffness. It is fine to ask the doctor to demonstrate what he wants you to do if the instructions are not clear. Schedule telehealth visits when you and your child at a time when everyone can focus on the visit. Your child generally needs to be present for at least part of the telehealth visit (just like for in-person visits). Telehealth is not successful when parents are distracted, for example, while driving a car. The need for the telehealth appointment If you already have them in your child, such as a pulse oximeter or blood pressure cuffFlashlightA list of your childs symptoms, when they started and how severe they are A list of the medicine your child currently takes (or the medicine bottles with their labels), and the name, location and phone number of your child (such as a toy or blanket) Preparing your child for the telehealth appointmentIt can be helpful to talk with your child about what this doctor visit will be like. You might also want to think ahead. Explain to your child what is going to happen. You can say something like, Today we are going to visit with the doctor using our computer or phone. The doctor will not be able to touch you during the visit, but they will be able to see and hear you. Give your child a job. For example, you can say, I want you to sit next to me when we call the doctor. You can listen in if you want, or you can lest be wearing loose fitting that you do this quietly so I can hear what the doctor is saying. Ill let you know when the doctor wants to talk to you. Make sure your child is comfortable. They should be wearing loose fitting clothing in case the doctor needs to examine a part of their body. Ask your child to participate, if they can. Depending on their age, encourage them to get involved and ask questions. Prepare activities ahead of time like books, blocks or something to color. That way, you can reach for these activities if your child gets restless. Avoid activities that are loud or distracting including TV or video games. Make sure your child is not with you during the appointment, well need to reschedule. The Department of Pathology and Laboratory Services offers routine and rare laboratory services at a full range of diagnostic services that inform their patient care. 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The Transfusion Medicine Laboratory is comprised of four sections: The Blood Bank: The Blood Bank is responsible for receiving, processing, storing and shipping blood products drawn by the Blood Donor Center and subsequently preparing them for patient use. Through testing of patient blood Bank determines the blood product needs of each patient to meet their individual specifications. And as a level one trauma center for a seven-state surrounding area, the Blood Bank is prepared for trauma emergencies. The Blood and Marrowald area for the blood product needs of each patient to meet their individual specifications. 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Contact the Department of Pathology and Laboratory with an ear infectionYour child's ears were recently looked at by a doctorYou are worried that the fever or ear pain is not getting better fast enoughYour child is still taking an antibiotic for the ear infectionSymptoms of Ear InfectionsThe main symptom is an earache. Younger children will cry, act fussy or have trouble sleeping because of pain. About 50% of children with an ear infection will have a fever. Complication: In 5% to 10% of children, the eardrum will develop a small tear. This is from the middle ear (the space behind the eardrum) Blocked eustachian tube, usually as part of a common cold. The eustachian tube joins the middle ear fluid (called viral otitis). If the fluid becomes infected (bacterial otitis), the fluid turns to pus. This causes the eardrum to bulge out and can cause a lot of pain. Ear infections peak at age 6 months to 2 years. They are a common problem until age 8.The onset of ear infections is often on day 3 of a cold. How often do kids get ear infections are the most common bacterial infection of young children. Not moving or too weak to standYou think your child has a life-threatening emergencyStiff neck (can't move neck normally)Walking is not steadyFever higher than 104 F (40 C)Ear pain is severe and not better 2 hours after taking ibuprofenPink or red swelling behind the earCrooked smile (weakness of 1 side of the face)New vomitingYour child looks or acts very sickYou think your child needs to be seen, and the problem is urgentTaking antibiotic more than 3 days and ear pain not betterTaking antibiotic more than 3 days and ear discharge still there or comes backYou think your child needs to be seen, but the problem is not urgentYou have other questions or concernsEar infections are not cured after the first dose of antibiotic.Often, children don't get better the first day.Most children get better slowly over 2 to 3 days.Note: for mild ear infection looks viral.Here is some care advice that should help.The antibiotic will kill the bacteria that are causing the ear infection. Try not to forget any of the doses. Give the antibiotic until it is gone. Reason: to stop the ear infection from flaring up again. For fevers higher than 102 F (39 C), give an acetaminophen product (such as Advil). Note: fevers less than 102 F (39 C) are important for fighting infections. For all fevers: keep your child well hydrated. Give lots of cold fluids. To help with the pain medicine starts to work. Note: some children prefer heat for 20 minutes. Caution: heat or cold kept on too long could cause a burn or frostbite. Your child can go outside and does not need to cover the ears. Swimming is fine as long as there is no drainage from the ear. Also, do not swim if there is a tear in the eardrum. Air Travel. Children with ear infections can travel safely by aircraft if they are taking antibiotics. For most, flying will not make their ear pain worse. Give your child a dose of ibuprofen 1 hour before take-off. This will help with any pain they might have. Also, during descent (coming down for landing) have your child swallow fluids. Sucking on a pacifier may help as well. Children over age 6 can chew gum. Your child can go back to school when any fever is gone. Your child should feel well enough to join in normal activities. Ear infections cannot be spread to others. Once on antibiotics, your child the antibiotics, your child the antibiotics, your child will get better in 2 or 3 days. Make sure you give your child the antibiotics, your child will get better in 2 or 3 days. Make sure you give your child the antibiotics, your child the antibiotics, your child will get better in 2 or 3 days. Make sure you give your child the antibiotics, your child will get better in 2 or 3 days. Make sure you give your child the antibiotics, your child will get better in 2 or 3 days. Make sure you give your child the antibiotic as directed. The fever should be gone by 2 days (48 hours). The ear pain should be better by 2 days. It should be gone by 2 days (48 hours). be gone by 3 days (72 hours). If pus is draining from the ear, the eardrum probably has a small tear. This can be normal with an ear infection. Discharge can also occur if your child has ear tubes. The pus may be blood-tinged. Most often, this heals well after the ear infection is treated. Wipe the discharge away as you see it. Do not plug the ear canal with cotton. Reason: retained pus can cause an infection of the lining of the ear canal. Fever lasts more than 3 days on antibiotics are discharge is not better after 3 days on antibiotics are discharge is not better after 3 days on antibiotics. ear infection, fluid builds up in the middle ear space. The fluid is no longer infected, but sometimes, may take weeks to go away. In 90% of children, it clears up by itself over 1 to 2 months. Permanent harm to the hearing is very rare. Get close to your child and get eye contact. Speak in a louder voice than you usually use. Decrease any background noise from radio or TV while talking with your child. Hearing loss not better after the antibiotic is done. Some children have ear infections that keep coming back. If this is your child. Hearing loss not better after the antibiotic is done. Some children have ear infections that keep coming back. If this is your child. Hearing loss not better after the antibiotic is done. Some children have ear infections that keep coming back. If this is your child. Hearing loss not better after the antibiotic is done. Some children have ear infections that keep coming back. If this is your child. Hearing loss not better after the antibiotic is done. Some children have ear infections that keep coming back. If this is your child. Hearing loss not better after the antibiotic is done. Some children have ear infections that keep coming back. If this is your child. Hearing loss not better after the antibiotic is done. Some children have ear infections that keep coming back. If this is your child. Hearing loss not better after the antibiotic is done. Some children have ear infections that he was a supplied to the property of the property with tobacco smoke can lead to ear infections. It also makes them harder to treat. No one should smoke around your child. This includes in your home, your car or at child care. Most ear infections start with a cold. During the first year Instead, try using a sitter in your home. Another option might be a small home-based child care. Antibodies in breast milk lower the rate of ear infections. If you are able to, consider breastfeeding while lying down flat can lead to ear infections. It causes formula to flow back into the middle ear. Having babies hold their own bottle also causes milk to drain into the middle ear. Having babies hold their own bottle also causes milk to drain into the middle ear. Having babies hold their own bottle also causes milk to drain into the middle ear. 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Having babies hold their own babies hold the babies hold their own babies hold their own babies hold the runny or blocked nose, suspect an allergy. If your child has other allergy. If your child has other allergy adenoids can cause snoring or mouth breathing. Suspect this if your toddler snores every night or breathes through his mouth. Large adenoids can contribute to ear infections. Talk to your child's doctor about this. Ear tubes are tiny plastic tubes that are put through the eardrum. They are placed by an ENT doctor. The tubes allow fluid to drain out of the middle ear space. They also allow air to re-enter the space. They also allow air to re-enter the space. They are placed by an ENT doctor. The tubes are tiny plastic tubes that are put through the eardrum. They are placed by an ENT doctor. The tubes are tiny plastic tubes are tiny plastic tubes that are put through the eardrum. They are placed by an ENT doctor. The tubes are tiny plastic tubes ar before turning to surgery. Talk to your child's doctor about when ear tubes are needed. In most cases, the tubes come out after about a year. They fall out of the ear on their own. This happens with the normal movement of earwax. If the tubes stay in over 2 years, talk with your child's doctor. The surgeon may need to take them out. After the tubes come out, they may leave scars on the eardrum. They may also leave a small hole that doesn't heal. Both of these problems can cause a small risk when giving anesthesia to young children. Therefore, doctors suggest ear tubes only for children who really need them. Copyright 2000-2025 Schmitt Pediatric Guidelines LLC. Disclaimer: this health information is for educational purposes only. You, the reader, assume full responsibility for how you choose to use it. Use the ChildrensMD symptom checker mobile app to help you assess your childs illness and better understand what their symptoms could mean. The app is available on iPhone, iPad and Android. The Department of Pathology and Laboratory Services offers routine and genetic laboratory services 24 hours a day, 7 days a week, 365 days a year. Our clinical, pathological and genetic laboratory services offers routine and rare laboratory services offers routine and rare laboratory services 24 hours a day, 7 days a week, 365 days a year. Our clinical, pathological and genetic laboratory services 24 hours a day, 7 days a week, 365 days a year. Our clinical, pathological and genetic laboratory services offers routine and rare laboratory services 24 hours a day, 7 days a week, 365 days a year. Our clinical, pathological and genetic laboratory services 24 hours a day, 7 days a week, 365 days a year. Our clinical, pathological and genetic laboratory services 24 hours a day, 7 days a week, 365 days a year. Our clinical, pathological and genetic laboratory services 24 hours a day, 7 days a week, 365 days a year. 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We provide access to the care and expertise of the Childrens Colorado specialists your child may needand laboratory services such as: Clinical laboratory services and clinical labsOur clin information they need to make the right decisions for their patients. We have several clinical labs here at Children's Colorado, each providing unique expertise. The Core Laboratory technologists at each Children's Hospita Colorado lab are specially trained on the intricacies of pediatric laboratory testing, so they can provide the extra level of expertise necessary to help diagnose and flow cytometry. Chemistry Lab: This laboratory gets providers the evidence they need to make informed clinical decisions about the concentrations of specific chemicals in blood, urine and other bodily fluids. We're able to complete most general chemistry tests in one hour, allowing physicians to make critical care decisions in a timely manner. Hematology Lab: Specially trained in pediatric blood and body fluid cell identification, the medical technologists at the Hematology Laboratory help our doctors at The Hematology Program properly diagnose and care for patients with blood disorders. Flow Cytometry Lab: This laboratory help our doctors at the Hematology Program properly diagnose and care for patients with blood disorders. Flow Cytometry Lab: This laboratory help our doctors at the Hematology Program properly diagnose and care for patients with blood disorders. Flow Cytometry Lab: This laboratory help our doctors at the Hematology Program properly diagnose and care for patients with blood disorders. Because we believe in making quality care accessible and we want to make things a little easier for your family, we offer care as close to home as possible. We have outpatient labs at locations throughout Colorado. The pathology and laboratory medicine experts at our outpatient labs specialize in pediatric blood draws, so they know how to draw blood and obtain samples from the smallest of patients. When we're doing blood tests for kids, we aim to calm your child's fears and make them as comfortable as possible. Laboratory equipment tailored to kidsNo kid likes needles, which is why we perform finger sticks and heel sticks as often as possible. And when we need a larger sample and have to draw blood from a vein (venipuncture), we use the smallest possible needle: the butterfly needle. We also use heel and hand warmers to warm the site where we'll be drawing blood and to increase circulation and blood flow. Even though this takes a little more time, we believe it's important to go the extra mile so your child is as comfortable as possible. Sometimes, instead of coming to our lab for testing, the lab comes to you. Point-of-care (POC) testing refers to the tests that your child's care team members perform POC testing, parents can rest easy knowing that every nurse, provider and clinical care team members meets or exceeds our standards for quality and patient safety. The Transfusion Medicine branch of our Laboratory Services Department is responsible for supplying safe, pure and potent blood and cellular therapy products to the patients we serve. The Transfusion Medicine Laboratory is comprised of four sections: The Blood Bank: The Blood Bank is responsible for supplying safe, pure and potent blood and cellular therapy products to the patients we serve. The Transfusion Medicine Laboratory Services Department is responsible for supplying safe, pure and potent blood and cellular therapy products to the patients we serve. The Transfusion Medicine Laboratory Services Department is responsible for supplying safe, pure and potent blood and cellular therapy products to the patients we serve. 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The Blood and Marrow Transplant Program team, this lab helps to ensure the best possible outcomes for our pediatric transplant patients. Therapeutic Apheresis team supports the Center for Cancer and Blood Disorders by providing critical services such as: The rapeutic plasma exchanges the blood cell exchanges the blood Donor Center: The blood donated to our Blood Donor Center and stored in the Blood Bank makes the lifesaving procedures performed at Children's Colorado possible. The specialists in our Microbiology Lab serve as vital consultants to our physicians, helping to determine what medications will cure an infection. Working closely with other teams throughout the hospital and the clinical laboratory like the Infectious Disease, Antimicrobial Stewardship and Pharmacy teams this lab aids in the diagnosis of many diseases, including those caused by bacteria, fungi, parasites and other microorganisms. Our precision medicine laboratory, research and data analysis teams are vital to diagnosing and treating kids with rare conditions, creating individualized treatments and improving our care over time. Learn about the areas where we advance this work. Precision medicine clinical laboratory or Precision Diagnostics Laboratory or Precision medicine clinical laboratory or get a more accurate diagnosis. Through various types of tests, we can help families: Confirm a diagnosis or get a more accurate diagnosis. timeDiagnose a rare condition if theyve struggled to get a clear diagnosisBecause genetic conditions often impact the entire family, we can evaluate several family members so you have a full picture of your familys health and risks. We can do this when we assess your child or in a follow-up appointment. When appropriate, we also offer home collection kits for convenience. Our state-of-the-art lab allows us to process and analyze results quickly, accurately and securely. This lab is staffed by professionally trained experts in genetics, medical technology, data and quality assurance. Genomic research Research is a vital part of improving care for kids both now and in the future. We empower researchers so they can better understand the cause of genetic conditions and discover new treatments. We also help them bring these life-saving innovation that we do to discovering new treatments. Our experts regularly use and develop new technologies, applications and data processes. We ensure they are valid and safe, and then bring them to our precision medicine care. Thanks to advanced techniques and our experienced team, we can use data to more accurately diagnose kids in search of answers. Learn more about our Precision Medicine Institute Pathology laboratory services and facilities are medical doctors who are specially trained in interpreting biopsy results and diagnosing a disease by examining tissue, blood and body fluid samples. The pathology laboratories help doctors diagnose or rule out diseases or conditions. We offer full anatomic pathology laboratories and facilities The genetics laboratories within the Department of Pathology and Laboratory Services aim to provide complete genetic disorders. Our labs offer esoteric testing and next-generation sequencing for a wide range of genetic algorithms for genetic disorders. Our labs offer esoteric testing and next-generation sequencing for a wide range of genetic algorithms. Outpatient Lab at the following Childrens Hospital Colorado locations: Youll have several options for schedule an appointment for you during your visit. Call us at 720-777-0001. Schedule through MyChart. Walk-in visits are still available. Note that some types of collections will continue to be walk-in only. To see if your lab collection is eligible for scheduling, give us a call at 720-777-0001. Contact the Department of Pathology and Laboratory Services f you have questions or contact our Client Services Call Center.