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Why this testing is different – looks at the nitty gritty

It looks at the building blocks, the nitty-gritty components of what we're all made up of. So we are able to determine whether the reason why a baby is very sick is because of a problem in this chromosome composition :24

How we have looked for answers in the past

In the past we just looked at the big chromosome pictures, which we thought was already way advanced of the time. But now with this new technology, with new ways of looking at chromosomes through a computer, we can detect even the slight deviation and the make-up of a patient that causes a problem. :24

How this will help in the future

We always look for an answer why a baby is sick and the biggest advantage for this technology is for those babies who are very sick and we don't even know what's going on. But also as exciting is that as knowledge and technology grows, what is undetectable today and manageable today, may be may be treatable in the future. :24

Why collaborate with Rady's?

There are some conditions that may be rare and we may not even see them in our lifetime. But if we have other centers that are doing exactly the same thing, or a similar thing, then we have that information in the library that we have access to. So that's the advantage of working with an institution like Rady Children's Hospital because they collaborate with other centers as well and have this information that would be readily available for us. :33