



## **DS 360 Project a more comprehensive view of Down syndrome**

### **Because each person is unique**

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***What is the DS360 Project?*** This is a nationwide research study, based at Emory University. The goal is to study all clinical conditions that occur in each unique individual. This information will help answer why some individuals have more serious medical outcomes due to the extra chromosome 21.

***What are you trying to learn?*** We combine information from interview questions, medical records, and laboratory data to:

- Understand what causes the extra chromosome 21 to be present
- Identify why some children with Down syndrome are more likely than others to have certain medical problems.

#### ***What does the study involve?***

- A 45-minute interview with the mother on health-related topics
- Permission for medical record review on your child to note their medical problems related to Down syndrome.
- A blood or saliva sample on parents and their child with Down syndrome to obtain DNA for study.
- All participation is completed by phone or mail – no need to travel to Emory.

#### ***What will you do with the DNA samples?***

- Study the behavior of chromosomes
- Identify genes that influence the presence and severity of medical conditions.
- Store the DNA in a regulated biobank for future studies related to Down syndrome.

### ***If you have any questions or want more information, please contact...***

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