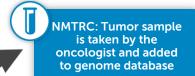
Simplifies interaction and info sharing between scientists and oncologists so targeted treatments can begin faster

Manages 200 billion data points generated **per patient**

Reduces mapping and analysis from months to days

Creates a **real-time**, **growing** body of knowledge





The database creates real-time, global knowledge repository of latest

findings on the most effective treatments

Helps to refine cures for other children diagnosed with neuroblastoma

Lays the groundwork for expansion into other types of childhood cancers



NMTRC: Doctors administer treatment and add findings back into the database

TGen Cloud

Computation & Collaboration Powered by Dell

- 8.2 teraflops and growing
- 1,200% increase in compute power over existing clinical computing cluster
- Dell Precision Workstations
- Dell PowerEdge Blade Servers
- Dell PowerVault Storage Arrays
- Dell Compellent Storage Center Arrays
- Dell Force10 Network Infrastructure
- Technical expertise and support



DNA mapping results are saved to the TGen Cloud

Information is stored in a protected, accessible manner so that doctors can get the results quickly



TGen: Molecular characterization of the tumor is formulated

Specific tumor make-up is mapped against millions of patient DNA and treatment variables

Best match is based on other patients with a similar make-up and the treatment that worked well for them

