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St. Jude Children's Hospital – **provides PGx tests for all patients.**

Tailoring treatments to genetic makeup is the futuristic vision of personalized medicine, where all care is custom-fit to an individual's DNA.

Testing for just six drugs across the U.S. population, the number of avoided ailments would likely climb into the hundreds of thousands.

About 50 percent of hospital patients get a single drug each year that could cause serious side effects because of that person's genetic makeup.

91% of patients had at least one gene version that would prompt doctors to recommend a change in dose or medication.

"The era of precision medicine is upon us. The low-hanging fruit here is pharmacogenomics." – Vanderbilt University Medical Center

"If you knew about this genetic information and did not act on it, you would not be practicing good medicine." – St. Jude Children's Hospital