

PERSONALIZED ADVICE FROM DATABASE

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Description of Technology:

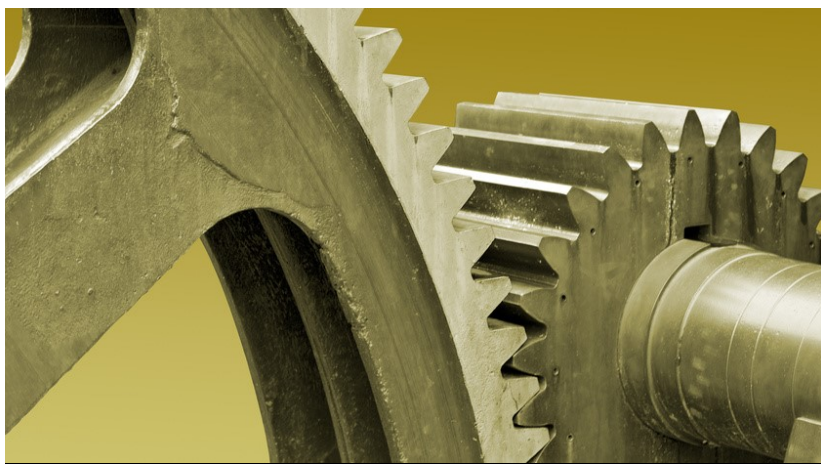
We have analyzed data for 113 million patients, approximately 20 million of whom reported major depression. We have identified which antidepressant works for patients with different medical history. For example, different antidepressants are recommended for patients with cancer, diabetes, cardiovascular illness, hypertension and so on. For every combination of diseases, we have identified one of 30 common antidepressants that is likely to be most effective. A web site to provide the information and assist in assessment of patients' medical history is under development. In addition, automated methods to review insurance records to see if the depressed patient is under optimal care is also available.

Advantages:

- Assists in selecting medications that best fit a patient's genetic profile.
- Useful in setting up treatment priorities for polypharmacy patients.
- Helps search engines in producing more relevant and accurate results based on user history and other similar searches.

Primary Investigator:

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