

Negation Detection

NegEx Algorithm

A rule-based algorithm that determines negation expressions and their scope of influence

Patient has **diabetes**

Positive



Patient **denies** → **chest pain**

Negative



No evidence of → **pneumonia**



Negation Triggers

no, not, denies, without, absent, negative, rule out, free of

Possibility Triggers

possible, probable, likely, suspected, questionable, consider