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- I ~~II~~ ~~III~~ $\text{Cough}(\text{John}) \wedge \text{Temp}(\text{John}) \Rightarrow \text{F}(\text{John}) \{x/\text{John}\}$
II ~~I~~ ~~III~~ $\text{Phlegm}(\text{John}) \wedge \text{F}(\text{John}) \Rightarrow \text{Bact}(\text{John}) \{x/\text{John}\}$
III ~~I~~ ~~II~~ $\text{Bact}(\text{John}) \Rightarrow \text{Antibiotic}(\text{John})$

