Cognitive Technologies, Decision Support M 🗌 rch 16 2017







Cognitive Computing

> Understands natural language and human communication

3 Adapts and learns from user selections and responses Generates and evaluates evidence-based hypothesis



Manipal Hospital, Bangalore

- 600-bed quaternary care facility
- 50,000 admissions/year
- 52 specialties & 60 sub-specialties
- Comprehensive Cancer Center
- Ranked in top 10 multi-specialty hospitals in India





6

Manipal MMDT-WFO







Restricted; submitted for publication, do not reproduce or distribute.

Conclusion

Cognitive computing:

- reduce cognitive burden
- systems of insights and learning

Cognitive computing clinical decision <u>support</u> systems - very promising for solid tumor cancer treatment advice - can be applied to any professional domain