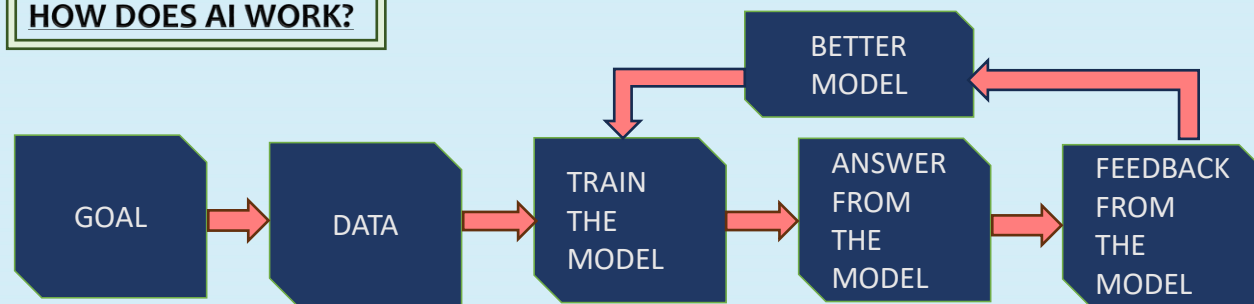


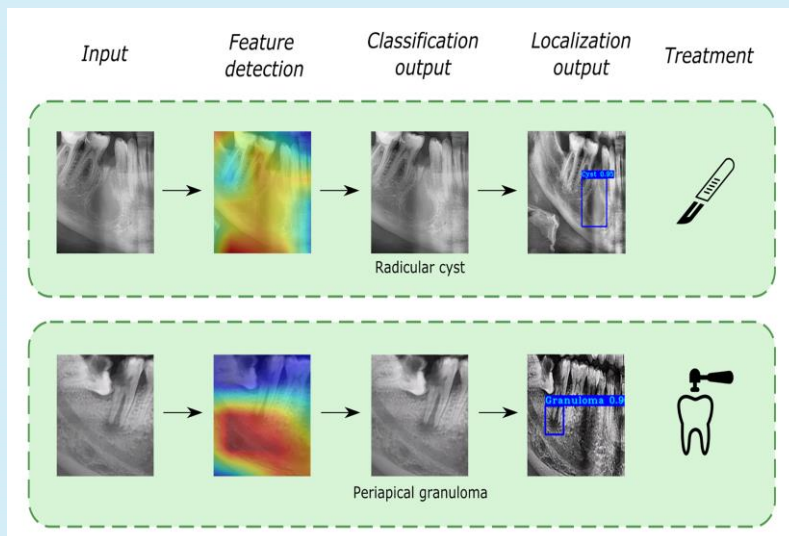
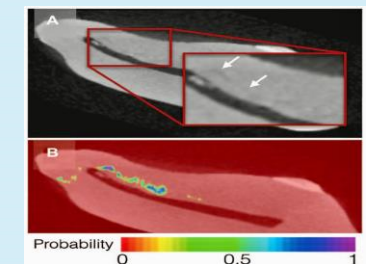
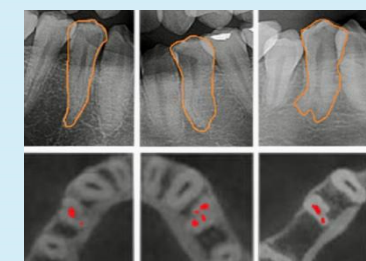
ARTIFICIAL INTELLIGENCE IN ENDODONTICS: A CLOSER LOOK



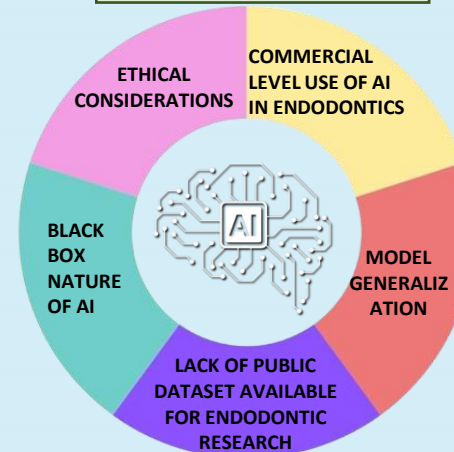
HOW DOES AI WORK?



APPLICATIONS

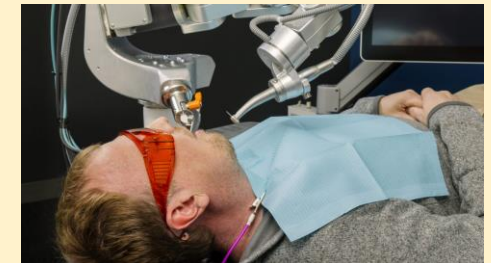


CHALLENGES



FUTURE COURSE

AI BASED ROBOTICS AND INSTRUMENTATION



AI- POWERED MICROSCOPE



REFERENCES

- Artificial intelligence in endodontics: Data preparation, clinical applications, ethical considerations, limitations, and future directions Hossein Mohammad-Rahimi et al
- Artificial intelligence in conservative dentistry and endodontics: A game-changer Jasmine Marwaha
- A deep learning approach for radiological detection and classification of radicular cysts and periapical granulomas Jonas Ver Berne a,b, Soroush Basiri Saadi b, Constantinos Politis a,b, Reinhold Jacobs
- The Use of Artificial Intelligence in Endodontics F.C. Setzer1, J. Li2, and A.A. Khan3
- Experimental validation of computer-vision methods for the successful detection of endodontic treatment obturation and progression from noisy radiographs Habib Al Hasan1 · Farhan Hasin Saad1 · Saif Ahmed1 · Nabeel Mohammed1 · Taseef Hasan Farook2 · James Dudley2
- An artificial intelligence system for detecting the root canal morphology of the mandibular first premolar on panoramic radiographs Danli Fu