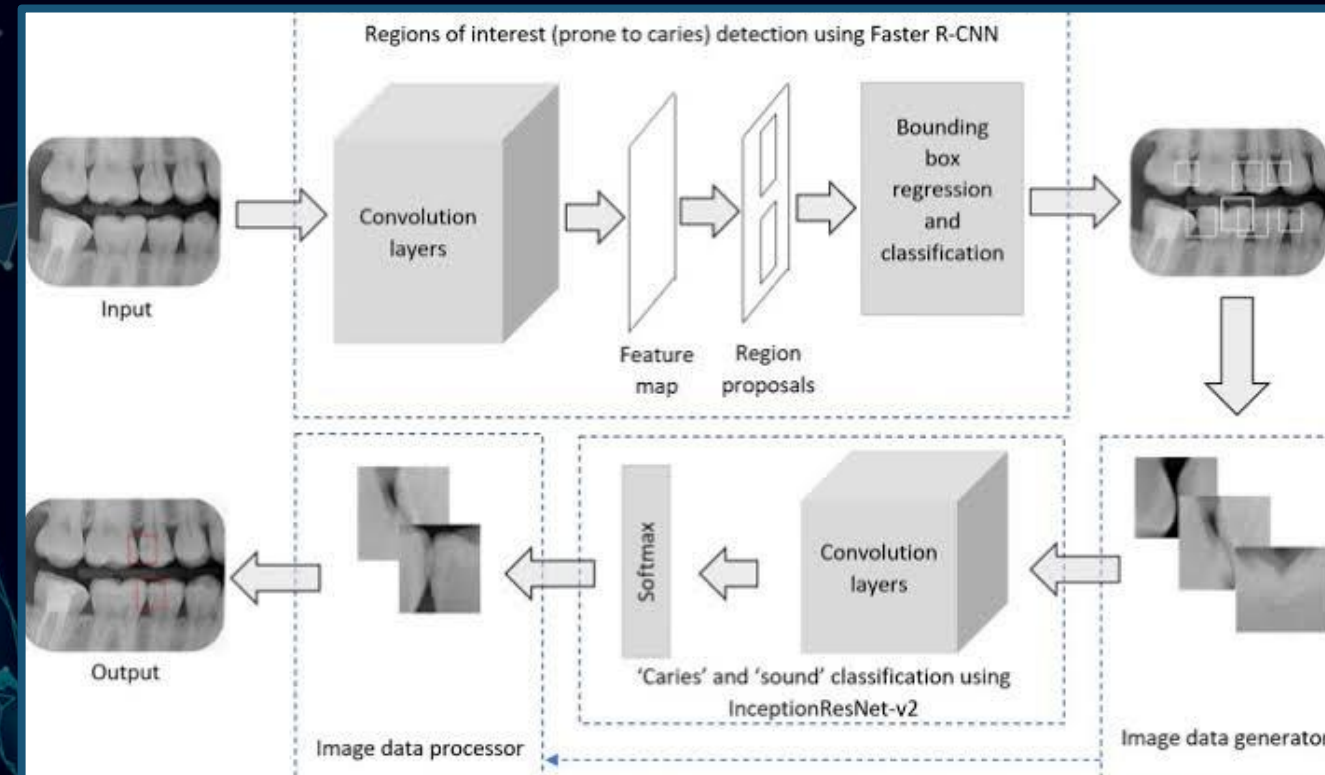
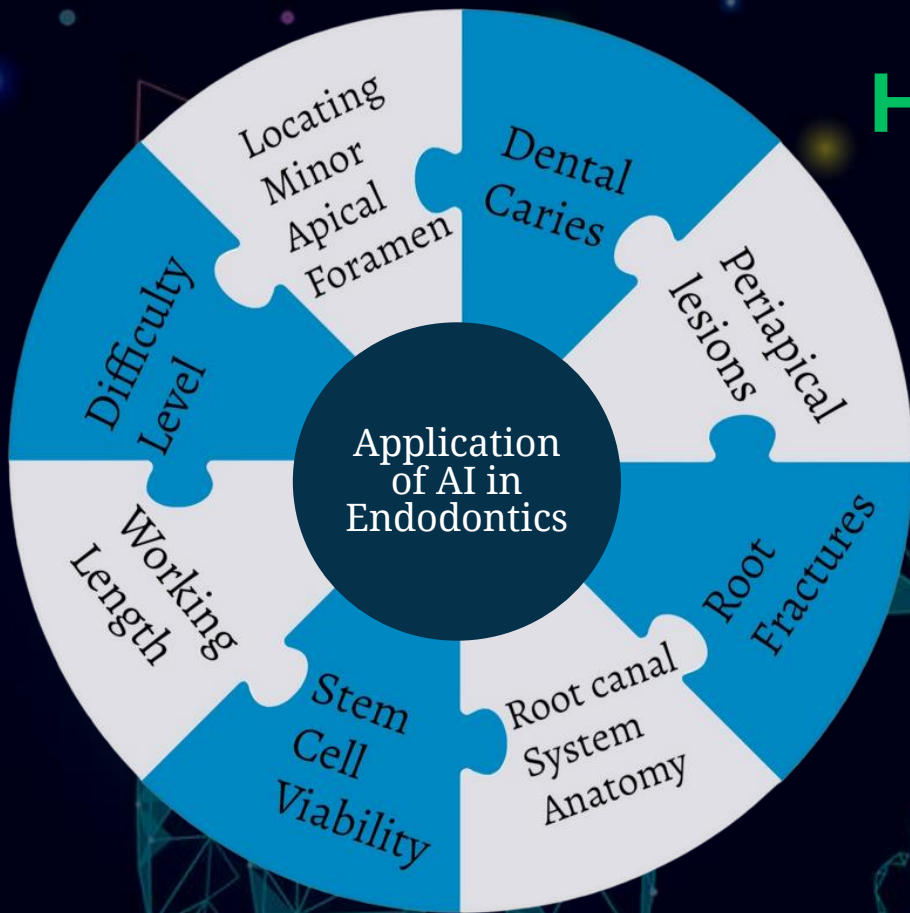


## SMART ROOTS

### How AI is Drilling Down in Endodontics



Aim	AI methods
Detection of periapical lesions	ML, CNN, DL
Detection of periapical cyst or granuloma	ML, ANN
Detection of root fractures	ML, CNN, PNN
Working length determination	ML, ANN
Determination of morphology	DL, ML, CNNs
Prediction of retreatment	ML, CBR
Prediction of stem cell viability	ML, ANN (NFIS)

