

MICROROBOTICS IN (a) **ENDODONTICS**

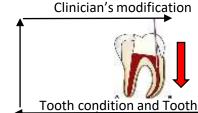
2-D radiographs



3-D Computer Model



Computer aided prescription for treatment



NC codes N0001 G00 X 50 Y 50 Z00 N0002 T02 S1800 M90 N0003 G01 Z200 N0004 G01 Z5 U120 V130

(c)

Tooth condition and Tooth motion.

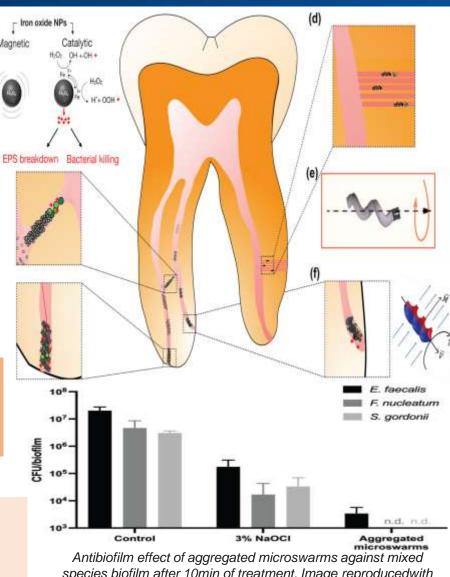
Dentist/patient review

Intelligent Multi-purpose Micro Machine Operation



Automatic Access preparation

- **Automatic Drilling**
- **Automatic Filling**
- **Automatic Cleaning**
- **Automatic Filling**
- On-line monitoring



species biofilm after 10min of treatment. Image reproducedwith permission from SAGE Publications (Babeer et al., 2022)