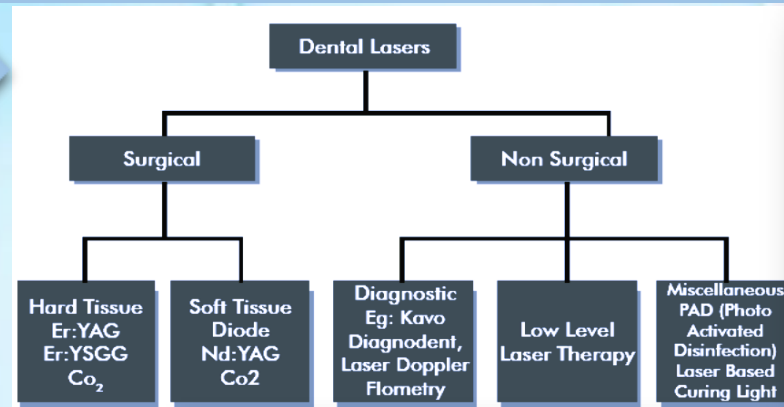


SHINING A LIGHT ON PRECISION: THE LASER REVOLUTION IN ENDODONTICS

LASER is an acronym for Light Amplification by the Stimulated Emission of Radiation. It is a narrow beam of light of a single wavelength in which each wave is in phase with one another.

TYPES



BENEFITS-

- Lasers are sterile, which means there is less chance for an infection.
- Lasers are extremely precise, so less healthy tissue has to be removed.
- Reduced postoperative discomfort

LIMITATIONS-

- Relatively high cost and requires additional knowledge and skills.
- The need for implementation of more safety measures
- Every wavelength has different properties
- Potential thermal effects

APPLICATIONS-

Vascular Vitality
Assessment of
Pulp- LASER
DOPPLER
FLOWMETRY

