

## 061. Characterization of endodontic practice methodology in the city of Jeddah

DR. ZUHAIR S. NATTO\*, DR. KHALED A. BALTO\*\*

\*Intern, \*\*Associate Professor and Head, Division of Endodontics, Department of Conservative Dental Sciences, Faculty of Dentistry, King Abdulaziz University, Jeddah, Saudi Arabia

**Aims:** The aims of this study were to determine the trends used in endodontic practice by dentists in the city of Jeddah, Saudi Arabia, which will identify deficiencies and to obtain a base line data to develop a post-graduate endodontic courses.

**Methodology:** A questionnaire was distributed to 205 dental practitioners selected at random. The questionnaire consisted of 23 questions and designed to test the awareness of dentist about the new armamentarium and contemporary techniques in the practice of modern endodontics. Completed questionnaires were analyzed in term of simple summary statistic.

**Results:** A total of 85% practitioners responded. Amongst those 91% take or update medical history prior to root canal therapy. The majority of respondents used step-back as a main root canal preparation technique (79%). 47% did not use medications between visits. The cold lateral condensation was the method of choice for 86%. However, only 3% used magnification devices and 20% used Electronic Apex Locators to determine the working length. 81% of dentists always crown root canal treated teeth. Most of dentist (80%) used rotary files specially profile system. Epoxy resin (AH26, AH Plus) was used by 68% of dentists as a root canal sealer. This report shows that most dentists in the city of Jeddah (89%) manage flare ups by prescribing antibiotics and/or analgesics and 59% sometimes encounter problems in pain control during RCT.

**Conclusions:** In Saudi Arabia, there appear to be fairly good grasping of some of the new trends in the filed of modern endodontics. However, there also appears to be some traditional trends that dentists follow during their root canal treatment that is not supported by scientific evidences.