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Technical Execution of Non-Surgical Root Canal Treatment

Aseptic Protocol & Field Control

- Rubber dam isolation (mandatory for aseptic control).
- Sealing the rubber dam.

Notes

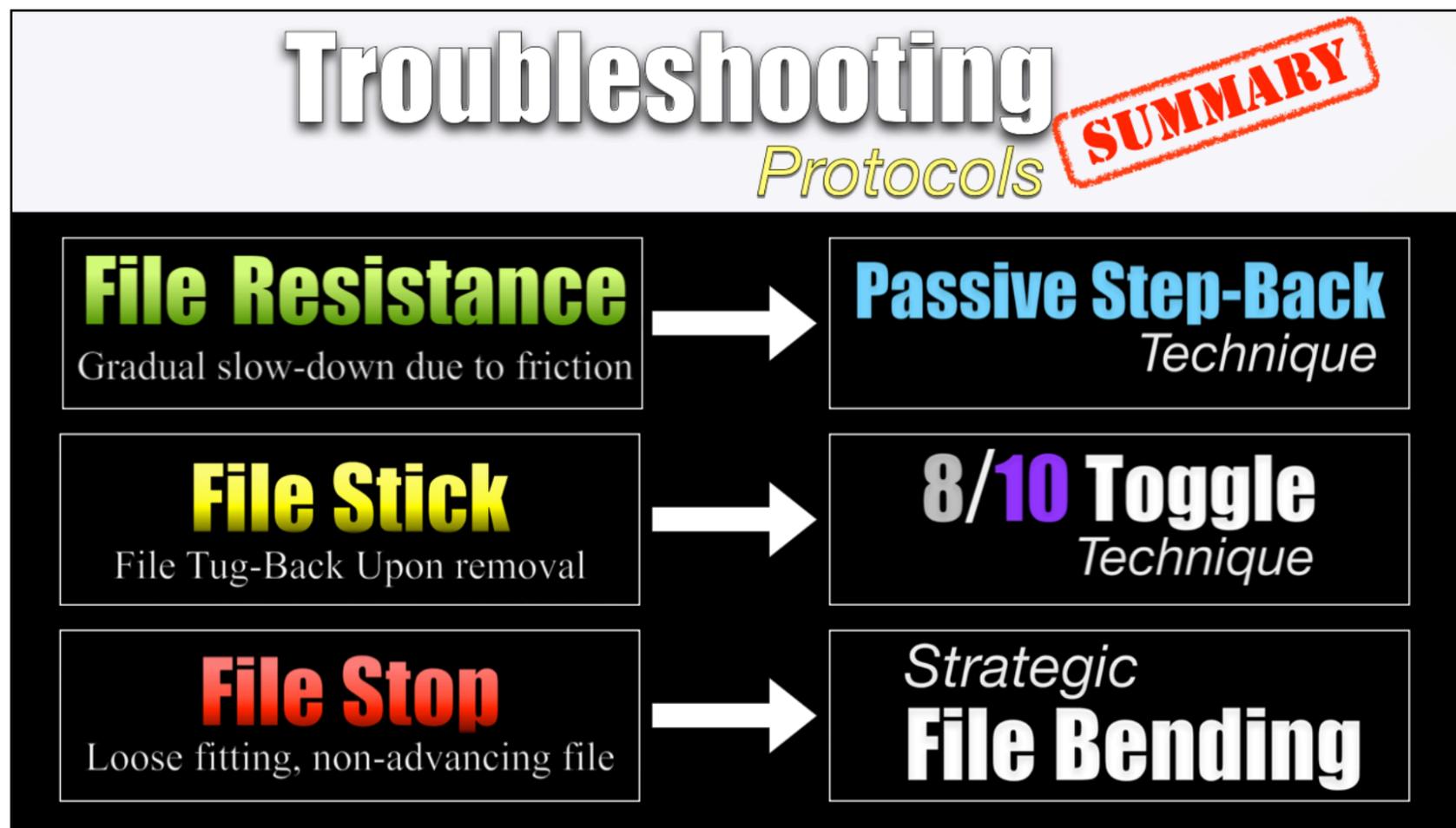
Access Cavity Preparation

- Principles of conservative access design.
- Identifying and locating canal orifices.
- Straight-line access optimization.

Notes

Canal Negotiation & Working Length Determination

- Initial assessment with #8 and #10 C-files.
- Troubleshooting Protocols
- Establishing glide path.
- Electronic apex locator and radiographic verification.



Notes

Canal Shaping Protocol

- **Instrumentation:** Orifice Openers, Guide Path Files, Shaping Files, and File Systems.
- **Shaping strategies:** Frequent irrigation, recapitulation, and apical patency.

Notes

Final Irrigation Protocol

3- Part Protocol

Part 1: Specific Irrigation Solutions

Part 2: Efficient Delivery Method

Part 3: Enhancement Technique

Notes

Obturation Techniques

- **Cone fit verification:** Short cone protocol and Long cone protocol
- **Sealer application:** Types and placement techniques.
- **Obturation methods:** Single cone and Modified Single Cone
- **Coronal seal considerations:** Immediate restoration or interim seal placement.

Notes

Post-Treatment Protocols & Follow-Up

- Postoperative pain management and expectations.
- Antibiotic prescription guidelines (if indicated).
- Follow-up radiographs (6-12 months).
- Final restorative considerations to ensure long-term success.

Notes

The Need for Continuing Education in Endodontics

Endodontics is constantly evolving, and staying ahead requires a commitment to lifelong learning. A well-rounded continuing education approach—including textbooks, online learning, and hands-on workshops—ensures clinicians refine their skills, stay current with the latest advancements, and deliver optimal patient care.

- **Textbooks** provide foundational knowledge and in-depth insights into evolving techniques.
- **Online-based learning** offers flexibility, allowing practitioners to engage with cutting-edge research and expert-led courses anytime, anywhere.
- **Hands-on workshops** bridge the gap between theory and practice, enhancing precision, confidence, and clinical success.

By integrating these educational resources, dentists can elevate their expertise and provide the highest standard of care.



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