LIKE DRIVING A CAR - EMBEDDING

I follow this structure and procedure in teaching students how to embed tissue specimens in the laboratory setting. They can apply what they learned in theory before practicing the technical skills in lab.

BACKGROUND

Before I perform demonstrations, I go over the following:

- **WHAT** is embedding?
- **WHEN** do we embed?
- **WHERE** do we embed?
- **WHY** do we embed?
- **HOW** do we embed?

SAFETY

- Safety precautions for the student
- Proper protective equipment

QUALITY CONTROL

- Necessary quality checks on the instruments to ensure the equipment is functioning properly and can produce good quality results.

STANDARD OPERATING PROCEDURES (SOP)

- Students are provided with the SOP with written step by step procedures on how to perform embedding.

FEEDBACK AND PRACTICE

- Students are provided with demonstrations from the instructors before they attempt the skill on their own.
- During lab, instructors will provide feedback and students are given the opportunity for more practice.

TROUBLESHOOTING

- I show students examples of common embedding faults and how to troubleshoot and prevent those faults from re-occurring.
- Students practice troubleshooting.