

MATLOCK ENDOSCOPIC'S BIOMEDICAL FLEXIBLE SCOPE REPAIR TRAINING PROGRAM

CLASS 2: "MINOR REPAIRS"

DESCRIPTION: This course is a review of all of the terms covered in Class 1 with addition of learning to perform minor repairs such as scope disassembly and reassembly, fluid removal, switch replacement, and angulation system repairs.

OBJECTIVE: To train a biomedical/clinical technician or engineer to have a deeper understanding of the functionality and operation of the interior components of flexible endoscopes and the minor repairs that can be performed on-site. The individual will also be able to determine if repairs are beyond on site capabilities.

COURSE OUTLINE:

1. Review Class 1
 - A. Basics
 - B. Scope Inspection and Evaluation
 - C. Air/Water Repairs
 - D. Review Training Material and Reading Assignments
 - E. Review Trainee's Class One Strengths and Weaknesses
 - F. Retraining Plan for Class One Weaknesses
2. Retraining and Review on Class One Concerns
3. Scope Disassembly and Reassembly
 - A. Control Body
 - B. S-cover
 - C. Light Guide Connector
 - D. A-Rubber Removal
4. Fluid Removals
 - A. Troubleshooting
 - B. Proper Drying Procedures
 - C. Corrosion Removal
 - D. Switch Disassembly
5. Switch Replacement and Rebuilding
 - A. #1 Switch
 - B. Video Head
 - C. #4 Switch (140 models)
6. Angulation System Repairs
 - A. Angulation Reset
 - B. Inspection and Disassembly
 - C. Wire cutoffs and soldering
 - D. Detached (slipped) Stopper Repair
 - E. Reassembly and Adjustments
7. Class Two Review
 - A. Scope Inspection and Evaluation
 - B. Scope Disassembly and Reassembly
 - C. Fluid Removal
 - D. Switch Replacement
 - E. Angulation System Repairs
 - F. Questions and Answers

INDIVIDUALS THAT SHOULD ATTEND:

Any biomedical/clinical technician or engineer.

TYPE OF TRAINING:

All training will be performed by Matlock certified technicians utilizing a "hands-on" approach.

COURSE LENGTH:

Two days from 9:00am to 5:00pm

DATES OF TRAINING:

All training is scheduled Mon. - Sat. to meet *your* individual schedule requirements (call for class availability)

LOCATION:

All training is scheduled Mon. – Sat. to meet *your* individual schedule requirements.

* *You must have attended Class 1 "Introduction to Flexible Endoscopes"*

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