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Work Session 1

Assigned to Engineering Team
Reports to Engineering Director
Assignments will include the following:

1. Orientation to Company Procedures.
2. Process Training, Medical Device testing overview, and familiarization with various internal and external standards.
3. Completion of an operator test and exposure to engineering design control including DIR, and DFMEA.
4. Perform level 1 studies on various types of class II and class III medical devices.
5. Attend/watch archived in-house anatomy and physiology lectures.
6. Gain an understanding of the medical device development process and how MED fits into this process as a consulting company.
7. Work with senior staff on various medical device development activities.
8. Development of business skills in relation to quoting and accounting for expenses during the development of a medical device

Work Session 2

Assigned to Engineering Team
Reports to Engineering Director
Assignments will include the following:

1. In-depth training and use of computer-aided drafting (CAD/Pro-E) and a general-purpose programming system (LabView)
2. Complete a project to improve an existing test method including test method validation.
3. Perform level 2 studies on various types of class II and class III medical devices.
4. Attend/watch archived in-house anatomy and physiology lectures.
5. Work with senior staff on various medical device development activities.

Work Session 3

Assigned to Engineering Team
Reports to Engineering Director
Assignments will include the following:

1. Research in-vivo physiologic mechanical loads expected to be encountered by a new class III medical device.
2. Complete validation of new test method that incorporates physiologic loads researched.
3. Perform level 3 GLP studies on various types of class III medical devices.
4. Attend/watch archived in-house anatomy and physiology lectures.