



BIOMEDICAL ENGINEERING

C³ IMPLEMENTATION

Step 1-8 Process

Menette are regularly requested to assist health care facilities address process and service delivery shortcomings for biomedical engineering services.

The method we use is an eight-step process designed to determine the problems, implement improved systems, establish properly contracted services and institute the hand over to the health care facility of an efficiently operating biomedical engineering service.

Steps 1-7 have been designed to systematically implement the most effective biomedical engineering solution specifically tailored to your health care facility.

The eighth step in the process is a regular review of progress to ensure the agreed changes are continuing to be delivered. The timing and frequency of these reviews is at the discretion of the health care facility's management through the selection of either a gold, silver or bronze periodic review package.

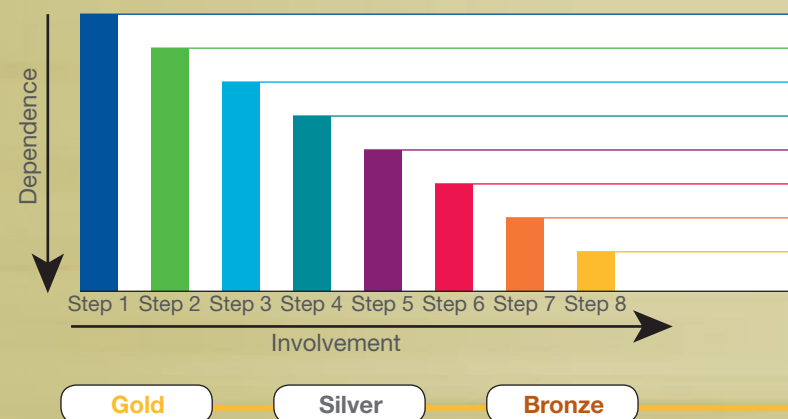
The methodology used in the eight-step process has been derived from our many years of experience within the health care industry and extensive data accumulated over those years.

Step 8 – Periodic Review

Why Gold, Silver or Bronze?

Selecting the correct level of support for your facility will be influenced by the competency and skill level of either your on site biomedical engineering staff or the external service provider and the complexity of your hospital.

C3 Implementation Strategy



STEP 1- 8 PROCESS

Step 1 – Site Review

The site review involves an assessment of the hospital's biomedical equipment maintenance service, its management and its outcomes. This will provide both Menette and yourselves with a clear indication of the overall costs, service effectiveness and compliance of your equipment, assisting in the provision of a customised biomedical engineering maintenance program and service delivery for your hospital.

Step 2 – Cost Analysis

On completion of step 1 we will analyse the cost data that was captured during the site review. This data can be benchmarked against hospitals of similar size, age and clinical mix. From the cost review we will provide recommendations and actions to rectify the problems or sign off that your hospital is compliant and performing to budget forecasts.

Step 3 – Biomedical Model Selection

Based on our site review, we will present you with a proposed strategic plan that will include service delivery methodology, outsourced contracts, policies, systems and procedures.

Step 4 – System Implementation and Education

Evidence suggests hospitals should use a computerised maintenance management system (CMMS) if they are to effectively manage their risks and compliance. The site review carried out in step 1 will enable us to conclude what actions are required to enable an effective CMMS to be implemented. This may involve improving an existing CMMS or implementing a CMMS from scratch.

If required, we offer a comprehensive CMMS training course that has been specifically designed for biomedical personnel. The course will enable staff to effectively manage biomedical engineering maintenance and the associated costs and compliance.

Step 5 – Policies and Procedures Implementation

As part of step 5 we will provide you with 12 volume folders, incorporating policy and procedure information, tailored to suit your hospital's biomedical engineering service delivery model. The volume folders are specifically designed for the collation and safe keeping of service histories and other records that enable compliance validation to current legislation and Australian and ACHS Standards.

Step 6 – Contract Management

We offer a service to tender all necessary preventative maintenance (PM) and corrective contracts for external service provision to the hospital's biomedical equipment.

Step 7 – Transition and Handover

The transition period involves managing the biomedical engineering services from the current state to the new. During this step the strategies, processes and procedures derived from steps 1, 2, 3, 4, 5 and 6 will be implemented and handed over to hospital management.

Step 8 – Periodic Review

Areas covered in the periodic review include:

- Risk Management & Identification
- Safety Audit
- Infection Control – Assets
- Benchmark Risks
- Operational Expenditure Control
- Contract Management
- Cost Benchmarking
- Financial Risk Identification
- Australian Standards
- Legislative/Statutory Compliance
- Management Reporting
- Asset Management
- Department of Health Requirements
- Compliance Standards Updates
- ACHS EQuIP Accreditation Assistance
- ACHS – EQuIP
- Benchmark Compliance
- Value Adding Biomedical Management

Gold	
Review Reports (per annum)	2
Benchmark Graphs	15
Site Review (per annum)	40 Hours
Technical Advice (per annum)	36 Hours

Silver	
Review Reports (per annum)	2
Benchmark Graphs	10
Site Support (per annum)	40 Hours
Technical Advice (per annum)	24 Hours

Bronze	
Review Reports (per annum)	1
Benchmark Graphs	5
Site Support (per annum)	24 Hours
Technical Advice (per annum)	12 Hours



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