



FATHER MULLER MEDICAL COLLEGE

(A unit of Father Muller Charitable Institutions)
Father Muller Road, Kankanady, Mangalore-575002

1. Title of the Practice:

Comprehensive Emergency Care Life Support (c-ECLS) training for interns.

2. Objectives of the Practice:

- a. To identify common emergencies that are encountered like Cardiac, Respiratory, Obstetric, Paediatric, Neonates, Trauma, Burns, Poisoning including animal and insect bites in low resource settings.
- b. To respond as first responders in case of emergency.
- c. To Stabilize and safely transport the patient to tertiary care centre.

3. The context:

In recent times emergency transport through ambulance service has been improved, but there has not been a parallel improvement in the skills of health care providers. To fill the gap of these unmet needs *Jeevaraksha* Program was initiated collaboratively with Rajiv Gandhi University of Health Sciences and Swami Vivekananda Youth Movement, Mysore in technical collaboration with University of Utha, USA. This course focuses on recognizing the critical illnesses that are common to Indian settings and stabilizing and transporting to the tertiary centre

Challenges – more number of ECLS trainers required.

4. The Practice:

The Medical Council of India started encouraging simulation based learning. Father Muller Medical College realized the importance of c-ECLS for the Interns and started the course from 2019. It's a 4 day course including theory and hands on skill training. Since then we have trained around 240 Interns.

5. Evidence of success:

Feedback is regularly taken after the courses. The students are satisfied and recommend the course to others. It has given them the confidence to deal with any kind of emergencies.

6. Problems encountered and resources required:

Most of the problems have been overcome successfully. Initially the programs had to be co-ordinated with *Jeeveraksha* trust with their observer for the course. Now as we are regional training centre, programs are conducted by trained in-house team. As it is an extensive 4 day course at times it becomes difficult for instructors to spare the days/ time along with their routine works.


Dr. Jayaprakash Alva
DEAN
FATHER MULLER MEDICAL COLLEGE
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1. Title of the Practice:

Support to the students to encourage Research activities.

2. Objectives of the Practice:

- a. To introduce the students to the concept of research in medical education.
- b. To promote research culture in students.
- c. To encourage the students to take up research activities.

3. The context:

In recent times Research has become an integral part of medical education. Exposing the students, especially undergraduates, to the concept of research will definitely help them in doing their dissertation during Postgraduate course. Research projects also make Curriculum vitae of a student more impressive and will help them in getting job or higher education opportunity in India as well as abroad.

4. The Practice:

To promote research culture among the students, institution has initiated following measures:

- a. Financial support to the eligible student projects by providing research grants, concession in investigation charges etc.
- b. The student projects submitted to the ICMR under STS projects, if they are not considered by the ICMR, institution has policy for financially supporting such projects.
- c. State of the art Father Muller Research Centre.

- d. Workshops on Research methodology and Statistics are conducted regularly to the students.
- e. Assistance to the students in research proposal writing.
- f. Student Research Club.
- g. International travel grants for undergraduate students to present their research work in the conferences.

5. Evidence of success:

Institution has achieved success in its attempt to inculcate research culture among the students. Number of research projects submitted to the ICMR (STS projects), affiliating university i.e. Rajiv Gandhi University of Health Sciences and other agencies have increased in the recent past. Students have also expressed about having a sense of achievement upon completing the research project.

6. Problems encountered and resources required:

Many students do not come forward to take up research projects because of the hectic academic schedule. Institution has not faced any issues with respect to the resources as it has well established Research centre, Research laboratory, rich clinical material and experience faculty to guide the students.


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