

ANNUAL REPORT 2019-2020

Sr No.	Chapter	Contents	Format
1.	Highlights and Achievements	<ul style="list-style-type: none"> Award for best poster presentation in ICACON 2018 -DR. KEDARESHWAR POTE 	<ul style="list-style-type: none"> Patient case: a case of ruptured BMV and cardiac tamponade awarded as best poster in ICACON November 2018. A case series on difficult central line insertion in ASD patients presented as poster in ICACON 2018 by Dr. Surendhar S.
2.	Patient Care		<ul style="list-style-type: none"> Use of erector spinae block reduces analgesic requirement in post operative patient posted for thoracotomy. Also favours early weaning and reduces length of ICU stay.
3.	Community Care	Community outreach & Social Awareness	Awareness regarding COMPRESSION ONLY LIFE SUPPORT (COLS) in general public : October 2018
4.	Education (including student activities)	<p>Courses offered, intake for the current year and results</p> <p>New courses added and intake</p> <p>Library</p>	<ul style="list-style-type: none"> DM (Cardiac Anesthesia)- 02 students every year Passing rate 100% Fellowship in Cardiovascular Anesthesia – 01 student <p>Holdings-</p> <ol style="list-style-type: none"> Kaplan's Cardiac Anesthesia Principles of CP Bypass (Gravly) Atlas of Transesophageal echocardiography Textbook of Echocardiography Pediatric cardiac anesthesia Principles and practice of Cardiac Anesthesia <p>Journals-</p> <ol style="list-style-type: none"> Annals of Cardiac Anesthesia Journal of Cardiovascular and Thoracic Anesthesia

5	Themes of ongoing projects		<ol style="list-style-type: none"> 1. TEE to study the effect on tricuspid valve function after mtral valve replacement. 2. Intraoperative TEE assessment of aortic valve. 3. Cisatracurium in cardiac surgery. 4. Erector spinae block for post op pain control in patients posted for thoracotomy. 5. Role of low dose sildenafil in pulmonary hypertension with congenital heart disease. 6. Use of High flow nasal oxygenation vs CPAP in post cardiac surgery patients 7. Effect of Etomidate in pediatric cardiac surgery 8. TEE probe placement analysis . Analysis Of Mitral Valve With TEE 9. ERAS in cardiac surgery <p>○</p>
6.	Publications	Categorized as <ul style="list-style-type: none"> • International • National • Internet • Intranet • Books / Journals / Newsletter / Proceedings / Any other 	<ol style="list-style-type: none"> 1. Letter to editor in IJCA accepted for publication on topic "Awareness in anaesthesia- its medicolegal implications" 2. Sarkar M, Prabhu V. Basics of cardiopulmonary bypass. Indian J Anaesth 2017;61:760-7. 3. Sarkar MS, Desai PM. Pulmonary hypertension and cardiac anesthesia: Anesthesiologist's perspective. Ann Card Anaesth [serial online] 2018;21:116-22. 4. Sarkar M, Prabhu V. Anaesthetic implications during off-pump coronary artery bypass surgery. Indian Journal of Clinical Anaesthesia, July-September,

			<p>2018;5(3):311-314.</p> <p>5. Desai PM, Sarkar MS, Umbarkar SR. Prophylactic preoperative levosimendan for off-pump coronary artery bypass grafting in patients with left ventricular dysfunction: Single-centered randomized prospective study. <i>Ann Card Anaesth</i> 2018;21:123-8.</p> <p>6. Kulkarni KS, Desai PM, Shringarpure AM, Sarkar M. Use of high-flow nasal cannula for emergency pericardiocentesis in a case of anterior mediastinal mass. <i>Saudi J Anaesth</i> 2018;12:161-2.</p> <p>7. Shringarpure A, Desai PM, Umbarkar S, Sarkar M. Watch out for left atrial roof thrombus. <i>Ann Card Anaesth</i> 2018;21:446-7.</p> <p>8. Kezo A, Desai PM, Shah M, Umbarkar SR, Sarkar M. Balloon mitral valvuloplasty in kyphoscoliotic patient: It's not a cakewalk!. <i>Ann Card Anaesth</i>. 2018;21(4):466-467.</p>
7.	In the limelight	Recognition of any important Activity / Service	<p>1. Newspaper recognition for Minimal invasive cardiac intervention in a neonate</p> <p>2. Held ANNUAL NATIONAL CONFERENCE OF ICA (ICACON) 2018 AT GSMC MUMBAI</p> <p>3. ECMO training workshop and CME in august 2019.</p>

			4. CPR training for the cardiac surgery, respiratory medicine residents
8.	Awards and Honors	<ul style="list-style-type: none"> National 	<ul style="list-style-type: none"> IACTA Fellowship 2018 (FIACTA) recipient Shashi Chandra Award (Best manuscript) in ISACON 2018 Agra Best poster presentation in ICACON 2019.
9	Looking Ahead	Future plan of department	<ul style="list-style-type: none"> Procurement of proper place for the department. Equipment addition for better patient care: TEE machine, High end anesthesia workstation, Thromboelastography for blood management in the perioperative period. Involvement and establishment of Heart Failure program including ECMO, VAD, Heart Lung Transplant.
10	Contact information	Please list staff members as per hierarchy. Give e mail id, intercom number, landline and mobile number.	<p>1. Dr Manjula Sarkar Prof & Head Cardiovascular and Thoracic Anaesthesia drmanjusarkar@gmail.com office- 022-24107207/7429 landline 62743377 mobile 9869984017</p> <p>2. Dr Sanjeeta Umbarkar Additional Professor Sanjeeta69@yahoo.com 9323273435</p>