

DR. AARON FERNANDES

Consultant - Surgical Oncology

Qualification

MBBS | MS (General Surgery) | DrNB (Surgical Oncology)

Overview

Dr. Aaron Marian Fernandes is a highly skilled surgical oncologist in Hebbal with over 9 years of focused experience in complex oncological surgery. He is currently practising as a Consultant – Surgical Oncology at Manipal Hospital Hebbal, Bangalore, with advanced expertise in breast oncology, peritoneal surface malignancies, thyroid cancer surgery, and minimally invasive oncologic procedures. Dr. Fernandes completed his MBBS and MS in General Surgery from Father Muller Medical College, Mangalore, affiliated with Rajiv Gandhi University of Health Sciences, followed by a DrNB in Surgical Oncology from Manipal Hospital, Bangalore. His super-speciality training was undertaken under senior oncologic mentors, where he developed structured expertise in cytoreductive surgery, HIPEC, PIPAC, and advanced breast and colorectal oncologic techniques. Dr. Fernandes' core clinical practice includes comprehensive breast cancer care, including oncoplastic breast conservation surgery and sentinel lymph node biopsy. He has worked extensively with fluorescence-guided sentinel node techniques and lymphatic microsurgical preventive approaches. His proficiency also extends to thyroid and parathyroid surgery for malignant and

complex endocrine conditions. In peritoneal surface malignancies, he performs cytoreductive surgery combined with HIPEC and PIPAC procedures, requiring coordinated perioperative oncology planning and intraoperative precision. His expertise in these advanced treatments contributes to his recognition as one of the best surgical oncologists in Hebbal, Bangalore, for structured peritoneal and breast oncology care. He is trained in Enhanced Recovery After Surgery (ERAS) protocols and completed certification through the ERAS Society, Lausanne. His doctoral thesis analysed the implementation of ERAS in colorectal cancer surgery, involving 153 patients, and his subsequent publications have addressed the safety and feasibility of ERAS in CRS-HIPEC, high-dose chemotherapy in PIPAC, and psychological outcomes in breast cancer surgery. His work has appeared in journals such as the Journal of Clinical Oncology, Clinical Breast Cancer, and the International Journal of Gynaecological Cancer. Dr. Fernandes has received multiple best paper and poster awards at national and international oncology conferences, particularly for research in CRS-HIPEC, PIPAC, and robotic colorectal surgery. He holds certifications in PIPAC training (ISSPP), HIPEC management (Hannover), and robotic console surgery on the Da Vinci X system. His involvement as a manuscript reviewer for the Indian Journal of Gynaecologic Oncology reflects ongoing academic engagement. He is a life member of the Indian Association of Surgical Oncology, the Association of Surgeons of India, the Association of Breast Surgeons of India, the Indian Society of Peritoneal Surface Malignancies, and the Bangalore Surgical Society, and a member of the Society of Surgical Oncology and the American Society of Clinical Oncology. Fluent in English, Kannada, and Hindi, he ensures clear and composed communication while discussing surgical pathways and treatment planning. Through structured oncologic training, advanced peritoneal procedures, breast oncology expertise, and adherence to ERAS protocols, Dr. Aaron Marian Fernandes is regarded among the best surgical oncologists in Hebbal, Bangalore, particularly for minimally invasive and multidisciplinary cancer surgery.

Fellowship & Membership

- Life Member of The Indian Association of Surgical Oncology
- Life Member of the Indian Medical Association and the Association of Surgeons of India
- Life Member of The Bangalore Surgical Society
- Life Member of The Association of Breast Surgeons of India
- Life Member of The Indian Society of Peritoneal Surface Malignancies
- Member of the Society of Surgical Oncology
- Member of the American Society of Clinical Oncology

Field of Expertise

- Comprehensive Breast Care
- Peritoneal Surface Malignancies
- Thyroid & Parathyroid Surgery
- Complex and Advanced Gynaecological Oncology
- Robotic Surgery
- Complex Head & Neck Cancer Surgery with Reconstruction
- Fertility-Preserving and Risk-Reducing Oncological Surgery
- Soft Tissue Sarcomas
- Preventive Oncology
- Comprehensive, Wellness-Focused Oncology
- Enhanced Recovery After Surgery (ERAS) Protocols
- Women-Centred Cancer Care

Languages Spoken

- English
- Kannada

- Hindi

Awards & Achievements

- “Cytoreductive Surgery with HIPEC as Primary Treatment for Advanced Epithelial Ovarian Carcinoma: Upfront or Interval—ISPSM Collaborative Study”. – Oral Paper Presentation at PSOGI 2023. The 13th PSOGI International Congress on Peritoneal Surface Malignancies.
- “Pressurised Intra-Peritoneal Aerosol Chemotherapy (PIPAC) vs. intravenous chemotherapy for unresectable peritoneal metastases secondary to platinum-resistant ovarian cancer – Interim analysis of an Indian randomised control trial- An ISPSM collaboration study”. - Best Poster At Annual Update In Peritoneal Surface Malignancies Held At Tata Medical Centre, Kolkata, India In April 2023.
- “First Indian study reporting adoption of ERAS in CRS HIPEC: Time to Adopt, Evolve & Improve”. Best Poster At Annual Update In Peritoneal Surface Malignancies Held At Tata Medical Centre, Kolkata, India, In April 2023.
- “A Prospective Comparative Study of Sentinel Lymph Node Biopsy with Indo-Cyanine Green (ICG) Florescence Technique Versus Dual Dye Technique for Early Breast Cancer” – Paper Presentation In Oncostem National Travelling Fellowship In Absicon 2022, Hyderabad, On 12-14 August 2022.
- “A Prospective Observational Study Reporting Early Outcomes of Lymphatic Microsurgical Preventive Healing Approach (Lympha) Procedure After Axillary Lymph Node Dissection” – Best Paper in ABSICON 2022, Hyderabad, on 12-14 August 2022.
- “A Prospective Study of Real-time Identification of Line of Transection in Robotic Colorectal Cancer Surgery by ICG” –

Poster presentation at SSO Global Partners Posters Program at the SSO 2022 International Conference on Surgical Cancer Care, in March 2022.

- “A Prospective Study of Real-time Identification of Line of Transection in Robotic Colorectal Cancer Surgery by ICG” –Best Paper Presentation at IASO NATCON 2021, DELHI, IN, December 2021.
- “Prospective Analysis of Robotic-Assisted Rectal Surgery for Carcinoma Rectum: Single Institute Study”- Best Oral Paper IASO 2020 Mid Term Annual Conference of the Indian Association of Surgical Oncology, Organised by Department of Sri Venkateshwara Institute of Medical Sciences, Tirupati in March 2020.
- “Delay in time to adjuvant chemotherapy and its impact on outcome in completely resected advanced ovarian malignancies treated with CRS, CRS+IP and CRS +HIPEC”- Best Oral Poster FOGSI - POGS International Virtual Conference JUST TUMORS - Benign to Malignant Organised by POGS on 11 to 13 December 2020.
- “Impact of Implementation of ERAS program in a Tertiary Care Oncological Centre”- Best Oral Paper presentation during FOGSI - POGS International Virtual Conference JUST TUMORS - Benign to Malignant Organised by POGS on 11 to 13 December 2020.

Talks & Publications

- Prospective Analysis of ERAS protocols (enhanced recovery after surgery) in Colorectal Cancer surgery Thesis: A prospective interventional study on effects of implementation of ERAS protocols in colorectal cancer surgery conducted on 153 consenting patients in Manipal Hospital, HAL Old Airport Rd, Kodihalli, Bengaluru, Karnataka under the guidance of Dr

Ashwin K R and Dr Somashekar SP between Nov 2019 – Nov 2021 selected by purposive sampling. Safety and Feasibility of Implementation of ERAS in CRS and HIPEC: Enhancing Recovery or Complications.' Journal of Clinical Oncology, June 2023, vol. 41, no. 16_suppl, pages e18745-e18745. DOI: 10.1200/JCO.2023.41.16_suppl.e18745.

- 'Cytoreductive Surgery with HIPEC as Primary Treatment for Advanced Epithelial Ovarian Carcinoma: Upfront or Interval—ISPSM Collaborative Study.' Indian Journal of Surgical Oncology, May 2023, vol. 14, Supplement 1, pages 226-232. DOI: 10.1007/s13193-023-01747-3.
- 'An Overview of Psychological Analysis of Breast Cancer Patients Undergoing Modified Radical Mastectomy and Breast Conservation Surgery and Its Impact on Objectified Body Consciousness at a Tertiary Care Cancer Centre in South India.' Clinical Breast Cancer, June 2023, vol. 23, no. 16, DOI: 10.1016/j.clbc.2023.05.017.
- 'Enhanced Recovery After Surgery in Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy: National Survey of Peri-operative Practice by Indian Society of Peritoneal Surface Malignancies.' Pleura and Peritoneum, May 2023, vol. 8, no. 2, DOI: 10.1515/pp-2022-0198.
- 'First Clinical Study Reporting Adoption of ERAS in CRS HIPEC as per Published Guidelines: Time to Adopt, Evolve & Improve.' International Journal
- of Gynaecological Cancer, December 2022, vol. 32, Supplement 3, pages A37.3 A38. DOI: 10.1136/ijgc-2022-igcs.71.
- 'First Report of Clinical Outcomes with Escalated Doses of Cisplatin and Doxorubicin in PIPAC for Peritoneal Carcinomatosis of Epithelial Ovarian Cancer.' International Journal of Gynaecological Cancer, December 2022, vol. 32, Supplement 3, pages A170.1-A170. DOI: 10.1136/ijgc-2022-igcs

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- 'First Clinical Study Reporting Safety and Outcomes of High Dose Oxaliplatin Use in PIPAC for Colorectal Peritoneal Carcinomatosis.' Journal of Clinical Oncology, June 2023, vol. 41, no. 16_suppl, pages e15606-e15606. DOI: 10.1200/JCO.2023.41.16_suppl.e15606.