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Dr. Chitresh Kumar (M.B.B.S., M.S., M.Ch.)

SKILLS

- ❖ **Breast:** Conservative Breast Surgeries, Oncoplastic procedures, Mastectomies, Sentinel Node biopsy, and TIVAD insertion
- ❖ **Thyroid:** Thyroid Nodules, MNG, Retrosternal Goiter, Graves' disease, Thyroid Cancers, Endoscopic Thyroidectomy
- ❖ **Parathyroid:** Focused Parathyroidectomy, Bilateral Neck exploration, Parathyroid Cancer Surgery, Endoscopic Parathyroidectomy
- ❖ **Adrenal:** Myelolipoma, Pheochromocytoma, Cushing's & Conn's Adenoma, Adrenal Cancer, Lap & Retroperitoneoscopic Adrenalectomy
- ❖ **Pancreas:** Insulinoma, Gastrinoma, Glucagonoma, VIPomas, and others
- ❖ **Neuroendocrine tumors:** Carcinoids, Paragangliomas, and Carotid Body Tumor

PROFESSIONAL EXPERIENCE (Post-MS 12 years & post-MCh 6 years)

- ❖ **Associate Professor and Head of the Department, Surgical Oncology, All India Institute of Medical Sciences, Bilaspur** from 9th Dec 2020 till now.
- ❖ **Assistant Professor of Surgical Oncology at National Cancer Institute, AIIMS, Jhajjar** from 8th Feb 2018 to 8th Dec 2020.
- ❖ **Senior Research Associate** at Dept. of Surgical Disciplines, **All India Institute of Medical Sciences, New Delhi** from 29th Feb 2016 to 7th Feb 2018.
- ❖ **Clinical associate** at Department of Surgical Disciplines, **All India Institute of Medical Sciences, New Delhi** from 1st Aug 2016 to 28th Feb 2016.
- ❖ **Senior Resident** at Department of Endocrine and Breast Surgery at **Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow** from July 2012 to June 2015.
- ❖ **Clinical Observer** at Head and Neck services at **Memorial Sloan Kettering Cancer Center, USA** from 3rd to 28th Nov 2014.
- ❖ **Consultant Laparoscopic and General Surgery** at Trimurti Hospital, Varanasi, India from July 2009 to June 2012.
- ❖ **Fellow of Minimal Access Surgery (F.MAS)** in Sept 2009 from **Laparoscopic Hospital, New Delhi**
- ❖ **Junior Resident MS General Surgery** in Dept. Of General Surgery at **Institute of Medical Sciences, Banaras Hindu University, Varanasi**, from June 2006 to May 2009.
- ❖ **Intern "One-year rotatory Internship Training"** at Sir Sunderlal Hospital, **Institute of Medical Sciences, Banaras Hindu University, Varanasi**, from Jan 2005 to Dec 2005.

ACADEMIC QUALIFICATIONS

- ❖ **Fellow of American College of Surgeons (FACS)**; approved on 8th July 2021.
- ❖ **M.Ch. Endocrine Surgery**; Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow: July 2012 to June 2015
- ❖ **Clinical Associate**; Memorial Sloan Kettering Cancer Center, New York, USA, Nov 2014
- ❖ **Fellowship in Minimal Access Surgery**; Laparoscopy Hospital, New Delhi (Endorsed by SAGES, USA): Sept 2009
- ❖ **M.S. General Surgery**; Institute of Medical Sciences, Banaras Hindu University, Varanasi: May 2006 to May 2009
- ❖ **M.B.B.S.**; Institute of Medical Sciences, Banaras Hindu University, Varanasi: July 2000 to Dec 2004

RESEARCH PROJECTS

1. CSIR project: **“Fluorescence guided identification of tumor margins during breast conservation surgery”** at Department of Surgical Disciplines, AIIMS, New Delhi.
2. Intramural project: **“Quality of life (QoL) in patients with Graves’ disease: Pre and Post therapy”** at Department of Breast and Endocrine Surgery. SGPGIMS, Lucknow.
3. Intramural project: **“Long term Outcome of Follicular Thyroid Carcinoma (FTC) in Developing Countries: Correlation with Histological Subtypes and Other Factors”** at Department of Breast and Endocrine Surgery. SGPGIMS, Lucknow.
4. Submitted thesis on **“Endoscopic versus Microscopic discectomy in lumbar disc prolapse: a prospective study”** in July 2008, at Department of General Surgery, Institute of Medical Sciences, Banaras Hindu University, Varanasi.

ARTICLES PUBLISHED

1. Agarwal S, Kardam S, Chatterjee P, **Kumar C**, Boruah M, Sharma MC, Tabin M, Ramakrishnan L. CaSR expression in normal parathyroid and PHPT: new insights into pathogenesis from an autopsy-based study. J Endocrinol Invest. 2021 Jul 24. doi: 10.1007/s40618-021-01646-w. Epub ahead of print. PMID: 34302683.
2. Lohani KR, **Kumar C**, Kataria K, Srivastava A, Ranjan P, Dhar A. Role of tranexamic acid in axillary lymph node dissection in breast cancer patients: Does it help in reducing lymphedema? Breast J. 2021 Mar 11. doi: 10.1111/tbj.14222.
3. Panda S, Mohamed A, Sikka K, Kanodia A, Sakthivel P, Thakar A, Bhatnagar S, Mohan A, Meena VP, Tiwari P, Sahoo B, Dar L, Vig S, Garg R, **Kumar C**. Otolaryngologic Manifestation and Long-Term Outcome in Mild COVID-19: Experience from a Tertiary Care Centre in India. Indian J Otolaryngol Head Neck Surg. 2020 Oct 14;73(1):1-6.
4. **Kumar C**, Lohani KR, Kataria K, Ranjan P, Dhar A, Srivastava A. Endoscopic thyroidectomy: Which one is the better technique for the beginners? J Minim Access Surg. 2020 Sep 12.
5. **Kumar C**, Ranjan P, Kataria K et al. Anurag’s Interfascial Mastectomy: a new Postulate in Breast Cancer Surgery. *Indian J Surg* (2021).

6. Simha A, Dhiman A, **Kumar C**. Regarding: "Recognition of primary hyperparathyroidism: Delayed time course from hypercalcemia to surgery". *Surgery*. 2020 Nov;168(5):976.
7. Prakash S, Damle NA, Kandasamy D, Gupta Y, **Kumar C**, Agarwal S, Yadav R, Boro H, Alam S, Yadav D. Parathyromatosis in a patient with parathyroid carcinoma and hypercalcemic crisis: Findings on MIBI scan and 4D CT Thyroid Research and Practice. 2020 17(2):89-93
8. Agarwal S, Kakkar A, Damle NA, **Kumar C**, Sarangi J, Subudhi K, Jain D, Sharma MC. SMARCB1 (INI1)-deficient thyroid carcinoma: A novel entity expanding the spectrum of tumors with INI1 loss. *Pathol Res Pract*. 2020 Apr;216(4):152830.
9. Mishra A, Ray MD, Bhoirwal S, Sharma J, **Kumar C**, Dhall K, Gowda MS, Kumar A. Management options for gynecological cancers in low-to middle-income countries amidst COVID-19 pandemic. *Journal of Cancer Research and Practice*. 2020 Jul;7(3):121.
10. Ray D, Ranjan A, Dubey H, De A, **Kumar C**. Ovarian Metastasis as Initial Presentation of Primary Thyroid Carcinoma: A Case Report and Review of Literature. *Journal of case Reports*. 2020;10(3):192-196.
11. Tanwar P, Kumar R, **Kumar C**, Hussain S. Impact of family medicine practice in combating Violence against Doctors. *J Family Med Prim Care*. 2019 Aug 28;8(8):2748-2749.
12. **Kumar C**, Jha CK, Bichoo RA, Yadav SK. Wide angled 'V' is the perfect disposition of a TIVAD catheter when right internal jugular vein is cannulated to gain central access. *Gastroenterol Rep (Oxf)*. 2019 Jul 15;7(5):374-375.
13. Passah A, Damle NA, Arora S, Kumar R, **Kumar C**, Ramteke P, Bal C, Tripathi M. Follicular variant of papillary carcinoma thyroid occurring in struma ovarii. *Thyroid Res Pract*. 2019; 16(1):48-50
14. Prabhu M, Kumari G, Damle NA, Arora G, Kumar P, Kumar R, Tripathi M, Bal C, Khadgawat R, **Kumar C**, Agarwal S. Assessment of the role of early dynamic PET/CT with 18F-fluorocholine in detection of parathyroid lesions in patients with primary hyperparathyroidism. *Nucl Med Commun*. 2018 Dec;39(12):1190-1196.
15. Singh K, Khatkar M, **Kumar C**. Disagreement: Should the duration of primary hyperparathyroidism impact guidelines for evaluation and treatment? *Surgery*. 2019 Nov;166(5):949-950.
16. Khadka S, Singh K, **Kumar C**. Comments on: Cost-effectiveness of immediate biopsy versus surveillance of intermediate-suspicion thyroid nodules. *Surgery*. 2019 Feb;165(2):486-496.
17. Saha S, Kumar A, **Kumar C**, Kataria K. Paraneoplastic cerebellar degeneration as a manifestation of metastatic recurrent carcinoma breast: rare scenario. *BMJ Case Rep*. 2018 Aug 27;2018:bcr2017222575.
18. Chopra P, **Kumar C**. Letter to editor: Thyroid lobectomy is not sufficient for T2 papillary thyroid cancers. *Surgery*. 2019 Feb;165(2):486-496.
19. **Kumar C**, Mishra A, Kumari N, Krishnani N, Chand G, Agarwal G, Agarwal A, Mishra SK. Importance of Number of Foci of Capsular Invasion in Follicular Thyroid Carcinoma. *Indian J Surg Oncol*. 2018 Mar;9(1):6-10.
20. Saha S, **Kumar C**, Srivastava A. Commentary on: Post-thyroidectomy hypocalcemia is related to parathyroid dysfunction even in patients with normal parathyroid hormone concentrations early after surgery. *Surgery*. 2016 Dec;160(6):1709-1710.
21. **Kumar C**, Voppuru SR, Jamaluddin MA. Comments on: Cosyntropin stimulation testing on postoperative day 1 allows for selective glucocorticoid replacement therapy after adrenalectomy for hypercortisolism: Results of a novel, multidisciplinary institutional protocol. *Surgery*. 2016 Jul;160(1):248-249.

22. Mishra A, **Kumar C**, Chand G, Agarwal G, Agarwal A, Verma AK, Mishra SK. Long-Term Outcome of Follicular Thyroid Carcinoma in Patients Undergoing Surgical Intervention for Skeletal Metastases. *World J Surg*. 2016 Mar;40(3):562-569
23. **Kumar C**, Saha S, Gour K. Comments on: Risk factors for central lymph node metastasis in papillary thyroid carcinoma: A National Cancer Data Base (NCDB) study. *Surgery*. 2016 May;159(5):1483-1484.
24. Rajan S, **Kumar C**. Letter to the Editor regarding association of vascular invasion with mortality in follicular thyroid carcinoma. *Head Neck*. 2016;38(1):158
25. **Kumar C**, Jha CK. Comment on: Is central lymph node dissection necessary for parathyroid carcinoma? *Surgery*. 2015;158(6):1745
26. **Kumar C**, Mishra A. Prospective Randomized Controlled Trial on the Use of Flexible Reinforced Laryngeal Mask Airway (LMA) during Total Thyroidectomy: Effects on Postoperative Laryngopharyngeal Symptoms: Reply. *World J Surg*. 2015;39(3):810
27. Meena RN, **Kumar C**, Khanna R, Sharma V. Endoscopic versus Microdissectomy In Lumbar Disc Prolapsed: A Prospective Study. *IJDS* 2010;2(3):116-124.
28. Agarwal D, Lahiri T K, Prasad S, **Kumar C**. Giant Cystic Teratoma of the Mediastinum: The Ind. Pract. 2008;61(1):41-44

ARTICLES ACCEPTED

1. Gaonkar VB, Kumaraswamy S, **Kumar C**. Daycare Hemithyroidectomy under Superficial Cervical Plexus Block. *Indian J Endoc Surg Res* 2021;x(x):xx-xx.
2. Puri G, Khadka S, **Kumar C**. An Occult Follicular Thyroid Carcinoma discovered 10 Years after the Metastasis. *Indian J Endoc Surg Res* 2021;x(x):xx-xx.

ABSTRACTS PUBLISHED

1. Subudhi TK, Damle NA, Arora G, Bal CS, Tripathi M, **Kumar C**, Agarwal S, Kumar R, Kumar R, Ranjan P, Madan K. Role of Ga-68-PSMA-HBED-CC PET/CT in Patients with Anaplastic Thyroid Carcinoma. *JOURNAL OF NUCLEAR MEDICINE*. 2020 May 1; 61(supplement 1):1850.
2. A. Dharanioriya, M. Singhal, A. Srivastava, A. Dhar, **C. Kumar**, K. Kataria, P. Ranjan. Lateral mammary crease incision - an aesthetic incision for Skin and Nipple sparing mastectomy. *European Journal of Cancer*. 2018 Apr;92(3):S70.
3. Srivastava A, Saha S, Qaiser D, **Kumar C**, Dhar A, Priya D. EORTC BR23 questionnaire: acceptability in measuring quality of life in breast cancer patients in India. *BREAST*. 2016 Nov;29:S29-S30.
4. **Kumar C**, Mishra A, Kumari, N, Krishnani N, Chand G, Agarwal G, Agarwal A, Verma AK, Mishra S K. Capsular Invasion at more than Five Places is a Significant Prognostic Factor of Follicular Thyroid Carcinoma at 84th annual meeting of ATA Thyroid (2014) 24 A-102.
5. Mishra A, **Kumar C**, Pradhan PK, Agarwal G, Agarwal A, Verma A K, Mishra S K. Quality of Life (QOL) in Graves' Disease Patients: A Comparative Study of Patients Referred for Surgery and Radioiodine Therapy at 84th annual meeting of ATA Thyroid (2014) 24 A-102.

BOOK AUTHORED

1. Breast Cancer: Current evidence. Springer, Singapore. (under publication)

BOOK CHAPTERS PUBLISHED

1. Maitra D., **Kumar C.**, Srivastava A (2021) Surgical Approaches in Parathyroid Diseases. In: Mishra AK. (eds) Endocrine Surgery: A South Asian Perspective. CRC Press, Francis & Taylor Inc.
2. Mallick S., **Kumar C.**, Benson R., Rath G.K. (2020) Cancer in India. In: Mallick S., Rath G., Benson R. (eds) Practical Radiation Oncology. Springer, Singapore. https://doi.org/10.1007/978-981-15-0073-2_47

BOOK CHAPTERS SUBMITTED

1. Jayaram J., **Kumar C** (2021) Adrenal Incidentaloma. In: Agarwal A. (eds) IAES Textbook of Endocrine Surgery. Jaypee Publishers India.
2. Lohani KR., **Kumar C** (2021) Endoscopic Thyroidectomy. In (eds) A Clinical guide to thyroidectomies. Nova Science Publishers, USA.

FACULTY at the national and international training programme

1. Faculty in the international training programme **“Indo-US Cancer Prevention and Data Science Research Initiative”** joint collaboration of The MD Anderson Cancer Center, Houston, United States, the Tata Memorial Centre, Mumbai, the National Institute of Cancer Prevention and Research (NICPR), Noida, and the National Centre for Disease Informatics and Research (NCIDR), Bengaluru, INDIA.
2. Trainer of trainers in **“SCREENING OF COMMON CANCERS”** at Division of Clinical Oncology, the National Institute of Cancer Prevention and Research (NICPR), Noida, INDIA.

LIVE DEMONSTRATIONS at national and international symposium/ workshops:

1. Live surgical demonstration of Laparoscopic Adrenalectomy during 14th Postgraduate Course in Endocrine Surgery PGES-2019 from 2nd to 7th Sept 2019, held at Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, INDIA.
2. Live surgical demonstration of Endoscopic Thyroidectomy during 13th AIIMS Surgical Week ENDOSURG 2018 from 29th to 31st Mar 2019, held at All India Institute of Medical Sciences, New Delhi, INDIA.
3. Live surgical demonstration of Minimally Invasive Parathyroidectomy during 12th AIIMS Surgical Week ENDOSURG 2018 from 19th to 22nd Apr 2018, held at All India Institute of Medical Sciences, New Delhi, INDIA.
4. Live surgical demonstration of TIVAD under local anesthesia during 1st AIIMS Breast Course ABC-2016 from 11th to 14th Aug 2016, held at All India Institute of Medical Sciences, New Delhi, INDIA.

GUEST LECTURES DELIVERED at CMEs, National and International conferences:

1. Guest lecture on “**Mammography**” in virtual PG Master Class in Surgery, held on 6th to 7th Feb 2021 organized by Department of Surgery, IMS, BHU.
2. Panel discussion: “**Optimizing axillary management in breast cancer– Case-based scenarios**” during the 80th Annual Conference of Associations of Surgeons of India (ASICON 2020), held on 17th to 19th Dec 2020.
3. Panel discussion: “**Recent advances in endocrine surgery**” during the 80th Annual Conference of Associations of Surgeons of India (ASICON 2020), held on 17th to 19th Dec 2020.
4. Guest lecture on “**MEN Syndromes**” during Midterm CME "THYROID DISEASES: FROM CRUX TO CONSENSUS" at Deptt. of Surgery ESI-PGIMER on 9th Nov, 2019.
5. Guest lecture on “**Molecular diagnostic testing in Thyroid nodule FNA: use and interpretation**” during the 20th Annual Conference of Indian Associations of Endocrine Surgeons (IAESCON 2019), at Indore, held on 27th to 28th Sept 2019.
6. Guest lecture on “**BREAST CANCER SCREENING**” during a CME on Strengthening Continuum of Care for Cancer (Training of Trainers) held on 17th to 19th July 2019 at New Delhi organized by WHO India.
7. Guest lecture on “**Thyroid Cancer**” during 6th annual conference of Haryana chapter of Association of India “HASICON 2019” to be held on 23 Feb 2019 at SHKM Government Medical College, Nalhar, Haryana, INDIA.
8. Case discussion on “**Retrosternal Goitre Type II B**” during the Biennial Meeting of the International Society of Oncoplastic Endocrine Surgeons ISOPES-2019 on 17th Feb 2019 at Lucknow, INDIA.
9. Debate on “**Remote Access Thyroidectomy**” during the 19th Annual Conference of Indian Associations of Endocrine Surgeons (IAESCON 2018), at Tirupati, held on 28th to 29th Sept 2018.
10. Panel discussion on “**Controversies in management of thyroid cancer**” during 12th AIIMS Surgical Week ENDOSURG 2018 on 20th Apr 2018, held at All India Institute of Medical Sciences, New Delhi.
11. Panel discussion: “**Case-based management of breast cancer**” during the SGPGI Breast Course 2018 and BRASCon, held on 2nd to 4th Feb 2018.
12. Debate on “**Prophylactic central compartment neck dissection In Papillary Thyroid Cancer**” during the 18th Annual Conference of Indian Associations of Endocrine Surgeons (IAESCON 2017), held on 13th to 14th Oct 2017.
13. Guest lecture on “**Nesidioblastosis**” during the 17th Annual Conference of Indian Associations of Endocrine Surgeons (IAESCON 2016), at Meerut, held on 17th to 18th Sept 2016.
14. Guest lecture on “**How Endocrine Surgeons can support Rural Surgeons in day-to-day practice? Adrenal Disorders and Surgery**” during the 75th Annual Conference of Associations of Surgeons of India (ASICON 2015), held on 16th to 20th Dec 2015.
15. Guest lecture on “**Education, Training & Research in Developing World**” during International workshop and symposium on Best practices in Endocrine surgery on 5th Dec 2014.
16. Case discussion with a review of literature “**Occult Follicular Thyroid Carcinoma Presenting as Distant Metastases Nine Years prior to Definitive Management**”, at ATA

- trainee's conference during 84th annual meeting of American Thyroid Association, on 29th Oct 2014 at San Diego, USA.
17. Guest lecture on “**Safe use of TIVAD**” during CME on Safe Venous Assess and Chemotherapy in Cancer Patients at Dept of Endocrine and Breast Surgery on 18th Oct 2014.
 18. Guest lecture on “**Role of IOPH in management of PHPT**” during 11th Post Graduate Course in Endocrine Surgery 2013 Nov 7-10th at SGPGIMS, Lucknow.

ORAL PAPERS/POSTERS presented at CMEs, National and International conferences

1. Poster presentation: Capsular Invasion At More Than Five Places Is A Significant Prognostic Factor Of Follicular Thyroid Carcinoma at 84th annual meeting of American Thyroid Association, San Diego, USA, 2014
2. Paper presentation: Correlation Of Various Prognostic Factors With Histological Features In Follicular Thyroid Carcinoma at IAES 15th annual meeting (IAESCON-2014) at Poovar, 20014
3. Case discussion: Metastatic Breast Cancer at Breast course and ABSI workshop-2014 Feb 8th-9th at SGPGIMS, Lucknow.
4. Endocrine Radiology case discussion in 11th Post Graduate Course in Endocrine Surgery 2013 Nov 7-10th at SGPGIMS, Lucknow.

INTERNATIONAL CONFERENCES attended

1. Attended “Biennial Meeting of International Society of Oncoplastic Endocrine Surgeons ISOPES Symposium 2021 from 11th-12th June 2021 at Seol, South Korea.
2. Chaired a session in “The 16th Biennial Conference of Asian Association of Endocrine Surgeons: AsAES 2018” from 8th to 10th Mar 2018 in New Delhi, INDIA.
3. Attended “BARD ASIA BIOPSY MASTER CLASS” from 25th to 26th Sep 2017 in Thailand.
4. Attended “The 84th annual meeting of American Thyroid Association”, from 29th Oct to 2nd Nov 2014 at San Diego, USA

CONFERENCES/ WORKSHOPS organized

1. Organizing Secretary of the 21st Annual Conference of Indian Association of Endocrine Surgeons (IAESCON 2020) from 1st to 2nd Sept 2020, at All India Institute of Medical Sciences, New Delhi.
2. Organizing committee member of the AIIMS-UHNM (UK) Cadaver course on Breast Oncoplasty and Reconstruction on 12th Nov 2018, at All India Institute of Medical Sciences, New Delhi.
3. Organizing committee member of the 7th Annual Conference of Association of Breast Surgeons of India (ABSICON 2018) at All India Institute of Medical Sciences, New Delhi, on 9th to 11th Nov 2018.
4. Organizing Secretary of the Pre Conference workshop (The 16th Biennial Conference of Asian Association of Endocrine Surgeons: AsAES 2018) at All India Institute of Medical Sciences, New Delhi.
5. Organizing committee member of the 1st Annual Conference of the Asian Society of Mastology (ASOMACON 2017) at All India Institute of Medical Sciences, New Delhi.

AWARDS AND FELLOWSHIPS

1. Fellow of American College of Surgeons (FACS) approved in July 2021.
2. Finalist "Surgical Innovation category" in BMJ South Asia Award:2018.
3. Winner of national-level quiz in endocrine surgery at Indian Association of Endocrine Surgeons 15th annual meeting (IAESCON-2014) at Poovar, 20014.
4. Dr. Chip Ridgway Travelling fellowship for attending ATA trainee's conference during 84th annual meeting of American Thyroid Association, San Diego, USA, 2014.
5. ICMR international travel Grant for attending the 84th annual meeting of the American Thyroid Association, San Diego, USA, 2014.
6. Fellowship in Minimal Access Surgery (FMAS) in Sept 2009 at Laparoscopy Hospital, New Delhi.

POSITIONS HELD at various committees, associations, and journals

1. President of Faculty Association at All India Institute of Medical Sciences, Bilaspur
2. Member of Institute Ethical Committee, All India Institute of Medical Sciences, Bilaspur
3. Associate editor in Indian Journal of Endocrine Surgery and Research
4. Executive committee member of Association of Breast Surgeons of India
5. Member of National Consultation for strengthening cancer screening intervention: Indian Subcommittee.
6. Member of Expert Group Committee for Reviewing the Content of Online Cancer Screening Modules/Course: WHO INDIA

MEMBERSHIPS in national or international associations

1. American College of Surgeons (**ACS**)
2. World Association of Laparoscopic Surgeons (**WALS**)
3. Indian Association of Endocrine Surgeons (**IAES**)
4. Association of Surgeons of India (**ASI**)
5. Association of Breast Surgeons of India (**ABSI**)
6. Indian Society Of Thyroid Surgeons (**ISTS**)
7. Indian Medical Association (**IMA**)