

**Details of service in the last 5 years**

1. The faculty of anatomy department has been imparting theory lectures to MBBS Ist Prof; B.Sc. Nursing, B.Sc. Radiotherapy, Anaesthesia and Ophthalmology both in online and offline modes.
2. In addition, the faculty is engaged in 'body donation program'. The department accepts the pledge from people to donate their bodies after death and issues cards to them. In the event of death, the body is transferred to the department with all necessary precautions and embalmed for teaching research purposes.
3. The department faculty performs 'fetal autopsy' on foetuses sent by gynaecology department for evidence of any congenital malformations.

Publications by faculty

Publications should be quoted Vancouver referencing style

Last 5 years

**Dr. Kanchan Kapoor, Professor & Head**

### International Publications

1. Chaudhary P, Sharma M, **Kapoor K** Quality determinants for Medical Histology Laboratory; Int J Med Lab Res, 1(2): 38-47, (2016).
2. Gupta R, Gupta T, Kaur H, Sehgal S, Aggarwal A, **Kapoor K**, Sharma A, Saini D, Singla S : Cytokeratin (CK5, CK8, CK14) Expression and Presence of Progenitor stem cells in Human Fetal Thymuses. Clinical Anatomy 29:711-717 (2016).
3. Pankaj S, K. Prabhakaran, **Kapoor K**: The shapes of Head and face in Normal full term new borns in Hills of Himachal Pradesh Int J Anat Res, 4(4): 3161-65. (2016)
4. Pankaj S, K. Prabhakaran, **Kapoor K**; Craniofacial Anthropometric Measurement of Normal Full Term Newborns in Lower Hills of Himachal Pradesh. Int J Cur Res Rev, .9(7); 23-27; (2017).
5. **Kapoor K**, Singh J, Abraham J, Kavil Valapil A, The configuration and variations in the developing circle of Willis- A Retrospective Autopsy Study. Int J Cur Res Rev, 9 (17): 26-31 (2017).
6. **Kanchan Kapoor**, Jyotsna Singh, Joseph Abraham , Amrutha Kavil Valapi-Comparison of Configuration of Circle of Willis in fetal, Children and Adult life- American Association of clinical Anatomists (2016): 128
7. Sharma M K., Singh J, Sharma A, **Kapoor K**, Devinder. Morphology and Morphometry of Venous Drainage System of Heart A retrospective Cadaveric Study.Int J Cur Res Rev. 2018; 10 (10): 10-18
8. Soni P, **Kapoor K**. Estimation of Height of a Neonate in Relation to Foot length in different Zones of Himachal Pradesh. Int J Cur Res Rev.2018; Feb; 10(5): 52-55
9. Kuntal Vashishtha, Vinayak Gaur, **Kanchan Kapoor**. Morphometric study of Human Foetal Spleen: A study from North India. Int J Anat Res 2018, 6(4.3): 5983-88.
10. Histogenesis of Human Lung- Retrospective Fetal Autopsy Study. Jessy J.P., **Kanchan Kapoor**, Mahesh K Sharma. Int J Anat Res 2019, 7(1.2): 6211-19.
11. Jyotsna Singh, **Kanchan Kapoor**, Joseph Abraham, Amrutha K. Valapil and Jessy JP. Development of Brain Sulci in fetuses: A morphological study Int J Cur Res Rev Sept;2019; 8(9):19946-52
12. Navtej Singh, Jyotsna Singh, Tarun, **Kanchan Kapoor**, Vikram Kal, Anoop and Sonika Lamba. Acquired Adult Horner's syndrome: clinical Perspectives, Int J Cur Res Rev Sept;2019; 8(9):20045-49
13. Jessy JP, **Kanchan Kapoor** and Mahesh K Sharma. Lobes and fissures in fetal lung at different gestational ages: anatomical study with clinical significance. Int J Cur Res Rev Dec; 2019; 8(12): 20662-20666
14. Ramandeep Kaur, Anshu Sharma, **Kanchan Kapoor**. Foramen caecum of anterior cranial fossa: variation and clinical significance Int J Bio Med Res. 2019;10(3):6788-6789
15. Ramandeep Kaur, Anshu Sharma, **Kanchan Kapoor**. Comparison of morphometry of foramen Magnum and posterior cranial fossa in Dry Human skull. Annals of international medical and dental research Sept;19;5(6):1—5
16. **Kanchan Kapoor**, Jyotsna Singh, Palak, C.S. Gautam, MCI Curriculum 2019: Evaluation of the foundation program- A questionnaire-based study Biomedicine: April- June;2020; 40(2): 220-227
17. Amandeep Kaur, **Kanchan Kapoor**, Mahesh K Sharma and Jessy JP. Histological changes of human fetal testis in second trimester. Int J Cur Res. Feb;2020;9(2): 20854-20864

18. Jessy JP, **Kapoor K**, Sharma MK. Lobes and fissure in fetal lung at different gestational ages anatomical study with clinical significance. IJCAR (2019);08(12):20662-66
19. Ganapathy A, Jessy JP , **Kapoor K**, Sharma MK, Singh S, Jhahhrial SK Structural and functional significance of scrotal ligament : a comparative histological study Anat Sci Int (2021) Jan ;96(1):106-11
20. Munawara R, **Kapoor K**, Sharma MK, Goel P, Poonam Chaudhary. Histogenesis of human fetal stomach Int. J Res Med. Sci (2021);9(10):3043-3050

**(Published in Journals of National Societies / Professional associations)**

1. Garima Shivhare, **Kanchan Kapoor**, Mohit Bansal, Vinod Chayal, Shikha Shivhare Present teaching system of Anatomy: A comparative study of Opinions of teachers of different age Groups and students- NSJA 2016; 1(1): 28-37
2. Pankaj Soni, K. Prabhakaran, **Kanchan Kapoor**- Compative study of Nasal index in different zones of Himachal Pradesh- NSJA 2017; 2(1); 27-31
3. **Kapoor K**, Kalsey G, Singh J. Configuration of Lumbar Sympathetic Chain in Adults, NSJA.2018; Feb; 3(1): 9-16

**Chapter in a Book**

1. Dr. Kanchan Kapoor – History of Anatomy (BC) Journey from Primitive Anatomy to Plastination – A Bird's Eye view Editors- Dr. Zora Singh Gulab Publishers- First Edition 2015. Page No 11-15
2. Kanchan Kapoor, Jyotsna Singh Social (Funeral) Embalming – Body Donation Embalming and Related Issues -2017; N.K. Publisher ,Kurukshetra. Page No 81-89

**International:**

1. Amrutha KV, Sharma A, **Sharma M**, Abraham J. Amniotic band syndrome- A hospital Based study. Int J Biol Med Res.(2016); 7(1):5421-5425
2. Chaudhary P, **Sharma M**, Kapoor K. Quality determinants for medical histology laboratory. Int J Med Lab Res.(2016);1(2): 38-47
3. Rapotra M, **Sharma M**, Sharma A. Pentafurcation of The Coeliac Trunk : a case report. Trop Gastroenterol.(2016);36(1) accepted
4. Kaur A, Sharma A, **Sharma M**. Variations in the number of pulmonary veins draining into left atrium and its clinical significance. Int J Med and Den Sci.(2017); 6(1): 1413-1416
5. Rapotra M, Sharma A, **Sharma M**. Singh R. Absence of superficial palmar arch with persistent median artery-a study. Int J Sci Stud,(2017); 5(1): 130-133
6. Kaur A, Sharma A, **Sharma M**. Variations in branching pattern of brachial artery. Int J Sci Stud (2017); 5(1): 213-217
7. Sharma A, **Sharma MK**, Singh R. Morphological and morphometric study of foetal thyroid gland at different gestational age. Peripex IJR (2017); 6(7) : 28-30
8. Singh R, **Sharma MK**, Kaur R , Sharma A. Anatomy of the axillary nerve: A fetal study in indian population. Peripex IJR (2017); 6(8) : 18-19
9. Ramandeep Kaur, Anshu Sharma\*, **Mahesh Kumar Sharma**, Rupinder Singh, Dr.Arun Sharma. Variations in drainage pattern of inferior mesenteric vein. Int J Anat Res 2017;5(4.2):4581-4584.DOI: 10.16965/ijar.2017.401
10. **Mahesh K. Sharma**, Jyotsna Singh, Arun Sharma, Kanchan Kapoor, Devinder Morphology and Morphometry of Venous Drainage System of Heart- A Retrospective Cadaveric Study. International Journal of Current Research and Review Vol 10.Issue 10. May 2018
11. **Sharma MK**, Sharma A, Singh R. Traditional blackboard teaching and modern power point teaching. Which is better? An opinion by first year medical students for anatomy theory class. IJIRAS(2018);5(3): 14-17
12. **Sharma M K.**, Singh J, Sharma A, Kapoor K, Devinder. Morphology and Morphometry of Venous Drainage System of Heart A retrospective Cadaveric Study.Int J Cur Res Rev. 2018; 10 (10): 10-18
13. Jessy JP, Kapoor, **Sharma MK**. Histogenesis of human lung-retrospective fetal autopsy study Int J Anat Res (2019);7(1.2):6211-19
14. Kaur A, **Sharma M**. Spina Bifida- A retrospective study Int J Anat Res (2019);7(1.2):6390-96
15. Sharma A, Kaur R, **Sharma M**, Singh R. A rare case of frontal encephalocele , NSJA (2019); 4(1):20-23
16. Jessy JP, Kapoor K, **Sharma MK**. Lobes and fissure in fetal lung at different gestational ages anatomical study with clinical significance. IJCAR (2019);08(12):20662-66
17. Ganapathy A, Jessy JP , Kapoor K, **Sharma MK**, Singh S, Jhahhrial SK Structural and functional significance of scrotal ligament : a comparative histological study Anat Sci Int (2021) Jan ;96(1):106-11
18. Munawara R, Kapoor K, **Sharma MK**, Goel P, Poonam Chaudhary. Histogenesis of human fetal stomach Int. J Res Med. Sci (2021);9(10):3043-3050

**National:**

1. Abhaya A, Sharma M. Study of complete interclinoid bars. NSJA.(2016);1(2): 15-19

2. Jyoti, Sharma A, Sharma M, Kaur R. Variation of musculocutaneous nerve in infraclavicular part of brachial plexus. NSJA (2018);3(1): 20-21

**Dr. Avinash Abhaya, Professor**

#### **International Publications**

N.A.

#### **National Publications**

1. **Abhaya A**, Sharma M. Study of complete interclinoid bars. NSJA.(2016);1(2): 15-19
2. **Abhaya A**. Intraparietal bones of the adult human skull. Journal of the Anatomical society of india (2016).Vol 65 (1): 88-89
3. **Abhaya A**. Complete sella turcica bridges: Journal of the Anatomical society of india (2016).Vol 66 (1): 45

### **International Publications**

1. **Anshu Sharma**, Joseph Abraham, K V Amrutha. Variation in Drainage of Frontal Sinus: A Study on Cadavers, International Journal of Scientific study (2016), 3(12): 1-3.
2. KV Amrutha, **Anshu Sharma**, Mahesh Sharma, Joseph Abraham. Amniotic Band Syndrome – A Hospital Based Fetal Research, Int J Biol Med Res. (2016), 7(1): 5421-5425.
3. **Anshu Sharma**, Amrutha KV, Joseph Abraham, Mahesh Sharma. Otocephaly: A Case Report, International Journal Of Research in Medical Sciences (2016), 4(4): 1-4.
4. **Anshu Sharma**, Amrutha KV, Joseph Abraham. Arnold Chiari Malformation, International Journal of Anatomy and Research (2016), 4(1): 2151-56.
5. Kaur A, **Sharma A**, Sharma M. Variations in the number of pulmonary veins draining into left atrium and its clinical significance, IJMDS (2017),6(1) :1413-16
6. KV Amrutha., **Sharma A**, Abraham J, Kaur Anupriya. Dandy Walker Malformation with Unusual Finding in Fetal Autopsies International Journal of Current Advanced Research, 2017, 6(03): 2326-2330
7. **A. Sharma**, j Abraham, k Amrutha. Lower jaw defect anomaly-rare first arch syndrome, IJSR,2017,6 (4): 837-38
8. Amandeep Kaur, **Anshu Sharma**, Mahesh Sharma.Variation in Branching Pattern of Brachial Artery.International Journal of Scientific Study , 2017 , 5 (1): 213-217
9. Kaur A, **Sharma A**, Sharma M.Variations in the number of pulmonary veinsdraining into left atrium and its clinical significance. Int J Med and Dent Sci 2017;6(1):1413- - 1416
10. Rapotra M, **Sharma A**, Sharma M, Singh R. Absence of Superficial Palmar Arch with Persistent Median Artery –A Study. Int J Sci Stud 2017;5(1):130-133.
11. Amrutha KV, **Anshu Sharma**, Joseph Abraham, Mahesh Sharma. Congenital diaphragmatic Hernia.Tropical gastroenterology , 2016:37(4):271-75
12. Richa Gupta, Tulika Gupta, Harjeet kaur, Shobha sehgal,Anjali Aggarwal, Kanchan Kapoor, **Anshu Sharma**, Daisy Sahni, Shulika Singla. Cytokeratin(CK5, CK8,CK14) Expression and presence of progenitor stem cells in human fetal thymuses. Clinical Anaomy 2016:29: 711-71729
13. Importance Rapotra M , **Sharma A** , Sharma M. Pattern of variations in superficial palmar arch and its clinical importance. IJMDS,2017:6(2) 1483-87
14. Rapotra Megha, Sharma Anshu, Sharma Anshu. Arnold Chiari Malformation, Ahospital based study.IJBR.2017:8(5) 250- 54
15. Ramandeeep Kaur, **Anshu Sharma** , Mahesh Kumar Sharma . A Case Report of A Variant Head Of Gastrocnemius International Journal of Anatomy and Research,Int J Anat Res 2018, Vol 6(3.1):5420-23.

### **National**

1. A Kaur, **Anshu Sharma**, Mahesh Sharma. A case of unilateral Accessory Clavicular Head of ternocleidomastoid, NSJA,2017:2 (2):25-27
2. Jyoti, **Sharma A**, Sharma M, Kaur R. Variation of musculocutaneous nerve in infraclavicular part of brachial plexus. NSJA (2018); 3(1): 20-21

**International Publications**

1. Navtej Singh, **Jyotsna Singh**<sup>2</sup>, Clinical presentation of Dengue outbreak 2015, Haryana, India – A Perspective Observational study. **Annals of Applied BioScience**, 2016 3(2): 158-63 ISSN (PRINT) 24550396, impact factor – 2.9, indexed with Copernicus.
2. Kanchan Kapoor, **Jyotsna Singh**, Joseph Abraham, Amrutha Kavil Valapil. The Configuration and Variations in the developing Circle of Willis – A Retrospective study. **Int J Cur Res Rev**, 2017; 9(17); 26-31. ISSN (Print) 2231-2196 [second author & correspondence author].
3. Anupriya Kaur, J J Puspaja, Arun Prasad, Amandeep Kaur, **Jyotsna Singh**, Penile duplication as genital abnormality in OEIS complex: a fetal autopsy case report. **Clinical Dysmorphology** 2016, 25;35-36 Indexed Pubmed.
4. Kanchan Kapoor, **Jyotsna Singh**, Joseph Abraham , Amrutha Kavil Valapi-Comparison of Configuration of Circle of Willis in fetal, Children and Adult life- American Association of clinical Anatomists 2016: 128
5. Navtej Singh, Tarun Arora, **Jyotsna Singh** Profile of Poisoning at a Tertiary Care Hospital In Haryana **Int J Cur Rev**/2018;10(5) : 49-45
6. Mahesh K. Sharma, **Jyotsna Singh**, Arun Sharma, Kanchan Kapoor, Devinder Morphology and Morphometry of Venous Drainage System of Heart- A Retrospective Cadaveric Study. **International Journal of Current Research and Review** Vol 10. Issue 10. May 2018

**National Publications**

1. **Jyotsna Singh**, Navtej Singh, Subhash Kaushal, Usha Chhabra, Kunal Chawla Morphological study of Inferior Mesenteric Artery; **NSJA** 2016; 1(2): 20-27
2. Kanchan Kapoor, Gurdeep Kalsey, **Jyotsna Singh** Configuration of Lumbar Sympathetic Chain in Adults, **North States Journal of Anatomy** 2018, Vol 3 No.1.

**Chapter in a Book**

1. Kanchan Kapoor, Jyotsna Singh Social (Funeral) Embalming – Body Donation Embalming and Related Issues -2017; N.K. Publisher ,Kuruksheetra. Page No 81-89

# GOVERNMENT MEDICAL COLLEGE & HOSPITAL, CHANDIGARH

Block 'O' (Old), Sector 32-A, Chandigarh-160 030 ☎ 0172-2665253-60 (Extn. 1032)

## (DEPARTMENT OF ANATOMY)

To

The Registrar Academic,  
Government Medical College & Hospital,  
Chandigarh.

No. : GMCH-ANT-2021/  
Dated:

Subject: Regarding information required for NMC.

Sir,

Reference your letter no. GMCH-TAI (65A)/2021/44102-07 dated 14.12.2021 on the subject cited above.

The requisite information (Point no. 30) in respect of Department of Anatomy is enclosed herewith in the prescribed form, for necessary action.

(Dr. Kanchan Kapoor)  
Professor & Head

Encl.: As above



**Medical Educator Training /research methodology and dates**

**Dr. Kanchan Kapoor, Professor & Head**

1. Dr. Kanchan Kapoor had participated the 1<sup>st</sup> workshop on Medical education technologies held on 12-13<sup>th</sup> January 1998 at DMC, Ludhiana
2. Dr. Kanchan Kapoor had participated in the national workshop on assessment methods for learning evaluation in Basic medical sciences held on 22-24 September 2008 at AIIMS New Delhi
3. Dr. Kanchan Kapoor had participated in the MCI Basic course workshop in Medical education technologies held on 29-31<sup>st</sup> March 2012 at Christian Medical College, Ludhiana
4. Dr. Kanchan Kapoor attended assessment in new CBME Curriculum held on 28.02.2020 at GMCH Sec-32, Chandigarh
5. Dr. Kanchan Kapoor had participated in the curriculum implementation support programme held from 26<sup>th</sup> to 27<sup>th</sup> August 2020 at the GMCH, Chd under the aegis of MCI Nodal centre , CMC, Ludhiana
6. Dr. Kanchan Kapoor attended revised basic course workshop held from 5<sup>th</sup> to 7<sup>th</sup> August 2021 at GMCH Sec-32, Chd under supervision of National medical commission nodal centre for faculty development, Christian medical college workshop, Ludhiana

**Dr. Mahesh K Sharma, Professor**

1. Dr. Mahesh K Sharma attended revised basic course workshop held from 5<sup>th</sup> to 7<sup>th</sup> August 2021 at National medical commission nodal centre for faculty development Christian medical college workshop, Ludhiana
2. Dr. Mahesh Sharma had participated in the curriculum implementation support programme held from 26<sup>th</sup> to 27<sup>th</sup> August 2020 at the GMCH, Chd under the aegis of MCI Nodal centre , CMC, Ludhiana

**Dr. Avinash Abhaya, Professor**

1. Dr. Avinash Abhaya had participated in the 58<sup>rd</sup> National Teacher Training course on “ Educational science technology “ for teachers of health professionals held in this department between 31.10.2006 to 08.11.2006 at Maulana Azad Medical college New Delhi
2. Dr. Avinash Abhaya attended revised basic course workshop held from 5<sup>th</sup> to 7<sup>th</sup> August 2021 at National medical commission nodal centre for faculty development Christian medical college workshop, Ludhiana
3. Dr. Avinash Abhaya had participated in the curriculum implementation support programme held from 26<sup>th</sup> to 27<sup>th</sup> August 2020 at the GMCH, Chd under the aegis of MCI Nodal centre , CMC, Ludhiana

**Dr. Anshu Sharma, Professor**

1. Dr. Anshu Sharma had participated in the MCI Sensitization programme on Attitude ethics and communication (AETCOM) Conducted by CMC, Ludhiana Regional centre in medical education technologies at GMCH, Chd on 23<sup>rd</sup> August 2018

2. Dr. Anshu Sharma had participated in the MCI Sensitization programme on Attitude ethics and communication (AETCOM) Conducted by CMC, Ludhiana Regional centre in medical education technologies at GMCH, Chd on 20<sup>th</sup> to 22<sup>nd</sup> August 2018
3. Dr. Anshu Sharma had participated in the curriculum implementation support programme held from 20<sup>th</sup> to 22<sup>nd</sup> May 2019 at the GMCH, Chd under the aegis of Nodal centre
4. Dr. Anshu Sharma had participated in the 53<sup>rd</sup> National Teacher Training course on “ Educational science technology “ for teachers of health professionals held in this department between 17.03.2004 and 26.03.2204 at Maulana Azad Medical college New Delhi

**Dr. Jyotsna Singh, Associate Professor**

1. Dr Jyotsna Singh had participated in the basic course workshop in medical education Technologies conducted by CMC Ludhiana , Regional centre in medical education technologies at Gain Sagar Medical college Ram Nagar from 1<sup>ST</sup> TO 3<sup>RD</sup> Dec 2010.
2. Dr. Jyotsna Singh had participated in the curriculum implementation support programme held from 20<sup>th</sup> to 22<sup>nd</sup> May 2019 at the GMCH, Chd under the aegis of Nodal centre