

## REPORT ON TRAINING PROGRAMMES IN CLINICAL SKILLS

### **CADAVERIC SKILL LAB organized in last 5 years -**

Arthroscopy conclave **2017** & Cadaveric Arthroscopy, Knee and Shoulder Course was organized by Arthroplasty and Arthroscopy Society UP in association with Lucknow Orthopaedic Society, Department of Orthopaedics, and Department of Anatomy KGMU UP under the aegis of Indian Arthroscopy society and UPDA on 19<sup>th</sup> & 20<sup>th</sup> August 2017.

Arthroscopy conclave **2018** & Cadaveric Arthroscopy, Knee and Shoulder Course was organized by Arthroplasty and Arthroscopy Society UP in association with Lucknow Orthopaedic Society, Department of Orthopaedics, Department of Sports Medicine and Department of Anatomy KGMU UP under the aegis of Indian Arthroscopy society and UPDA on 4<sup>th</sup> & 5<sup>th</sup> August 2018.

5<sup>th</sup> Cadaveric Pelvi-Acetabular Fracture Fixation Workshop was organized by the Department of Orthopaedics, KGMU UP and Lucknow Orthopaedic Society in collaboration with the Department of Anatomy, KGMU UP under the aegis of UP Orthopaedic Association on 22<sup>nd</sup> & 23<sup>rd</sup> December **2018**.

Department of Anaesthesiology, Critical Care and Pain Medicine, Dr RMLIMS and KGMU UP in collaboration with the Department of Anatomy, organized a hands-on workshop during 4<sup>th</sup> National Conference of Indian Society of Pain Clinicians on 18<sup>th</sup> November **2018**. The workshop comprised of cadaveric percutaneous spine endoscopy, cadaveric fluoro-guided chronic pain interventions and USG guided hands-on chronic pain interventions.

In the year **2019**, International Oral Precancer and Cancer Congress was organized by the Department of Oral and Maxillofacial Surgery KGMU UP in collaboration with the Department of Anatomy KGMU UP from 4<sup>th</sup> to 6<sup>th</sup> April.

Spine conclave **2019** – Cadaveric workshop was organized by the Department of Orthopaedics, and the Department of Anatomy, KGMU UP under the aegis of UP Orthopaedic Association and Orthopaedic Foundation and Research on 3<sup>rd</sup> & 4<sup>th</sup> August 2019.

On 10<sup>th</sup> & 11<sup>th</sup> August **2019**, Arthroplast and Arthroscopy Society, UP in association with Lucknow Orthopaedic Society, Department of Orthopaedics, Department of Sports Medicine and

  
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Department of Anatomy, KGMU UP, under the aegis of Indian Arthroscopy Society and UP Orthopaedic Association organized 3<sup>rd</sup> cadaveric arthroscopy knee and shoulder course. 36 delegates were participated in the course.

A cadaveric workshop on "Retrograde Tracheal Intubation" was organized by SGPGI in collaboration with the Department of Anatomy KGMU UP on 9<sup>th</sup> September **2019**.

In the year **2019**, Department of Oral & Maxillofacial Surgery, BBD College of Dental Sciences, BBD University, Lucknow in association with Department of Anatomy, KGMU UP, organized cadaveric demonstration and hands on "Microvascular Reconstruction of Mandible with Free Fibular Flap on 4<sup>th</sup> & 5<sup>th</sup> November. In this workshop, technical support was provided by Karl Zeiss. Prof U S Pal, Department of Oral & Maxillofacial Surgery, KGMU UP; Dr Niranjana Mishra, Department of Oral & Maxillofacial Surgery, SCB Dental College and Hospital, Cuttack and Dr Akhilesh Kumar Singh, Oral & Maxillofacial Surgery Unit, Faculty of Dental Sciences, IMS, BHU, Varanasi, were the speakers.

Cadaveric Pelvi-Acetabular Fracture Fixation Workshop was organized by the Department of Orthopaedics, KGMU UP and Lucknow Orthopaedic Association in collaboration with the Department of Anatomy, KGMU UP on 14<sup>th</sup> & 15<sup>th</sup> December **2019**.

A cadaveric workshop on "Cancer Pain Management" was organized by the Department of Anaesthesiology & Critical Care, KGMU in cooperation from Department of anatomy, KGMU UP under the aegis of ISPC Lucknow branch on 1<sup>st</sup> March **2020**.

A cadaveric workshop on "C2-3 Retropharyngeal ACDF" was organized by the Department of Neurosurgery, KGMU UP in collaboration with the Department of Anatomy, KGMU UP on 22<sup>nd</sup> January **2021**.

Arthroscopy conclave **2021** & 4<sup>th</sup> cadaveric arthroscopy, Knee and shoulder course was organized by the Department of Orthopaedics, KGMU UP and Lucknow Orthopaedic Society in collaboration with the Department of Anatomy, KGMU UP on 13<sup>th</sup> & 14<sup>th</sup> November 2021.

On 12<sup>th</sup> & 13<sup>th</sup> March **2022**, Department of Orthopaedics, KGMU UP, Lucknow Orthopaedic Association in collaboration with the Department of Anatomy, KGMU UP, organized 7<sup>th</sup> cadaveric workshop on pelvi-acetabular fracture fixation. 60 delegates were participated in the workshop.

  
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Pain unit, Department of Anaesthesiology & Critical Care, KGMU UP, under the aegis of ISPC Lucknow branch and co-operation from the Department of Anatomy, KGMU UP, organized a hands-on cadaveric workshop on Chronic pain management on 3<sup>rd</sup> April **2022**. 24 delegates were participated in the workshop.

Department of Oral and Maxillofacial Surgery, KGMU UP in collaboration with the Department of Anatomy, organized 1<sup>st</sup> Annual Conference on 13<sup>th</sup> May **2022**.

On 30<sup>th</sup> May **2022**, Department of ENT, KGMU UP in association with the Department of Anatomy, KGMU UP, organized a cadaveric endoscopic workshop. There were 24 participants in the workshop.

On 26<sup>th</sup> June **2022**, Lucknow Cadaveric Workshop Welfare Society had organized Cadaveric Knee Workshop and CME 2022 in collaboration with LOS, AAUP, Department of Anatomy and Department of Orthopaedics, KGMU UP, under the aegis of UPOA. 30 delegates were participated in the workshop.

#### **CYTOGENETICS LAB-**

The Cytogenetics Laboratory of the department is currently utilized by postgraduate students as a research laboratory. As Chromosome abnormalities account for a large proportion of patients with congenital malformations, intellectual disability, and infertility or recurrent pregnancy loss for which cytogenetic testing plays a key role. Chromosome analysis for prenatal samples, peripheral blood, bone marrow, lymphomas and solid tumors is done by karyotyping for research purpose in the lab. In the last five years, 5 postgraduate thesis has been done in the lab on cytogenetics.

#### **DISSECTION HALL -**

Department of Anatomy has a spacious Dissection hall which can accommodate approximately 300 students at a time. It is a place where MBBS, BDS, Nursing, Paramedics and MD (Anatomy) students dissect human cadaver to learn different parts of the human body. Prosected parts are also demonstrated to the students for learning purposes. To assess the dissecting skills of the students each year S S Khan Dissection Competition is organized where students take part very enthusiastically.

  
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## **HISTOLOGY LABS -**

In the department of Anatomy there are two histology laboratories: Undergraduate histology lab and Postgraduate histology lab. In undergraduate histology lab, we show the Histological slides to MBBS, BDS and MD students. In Postgraduate histology lab, we make the Histological slides for the purpose of teaching to undergraduates as well as for postgraduate students. PG students who show interest for research in microscopic anatomy, make histological slides and do their observations in the lab after proper training of histological techniques under expert guidance.

## **USG LAB -**

Department of Anatomy has an Ultrasound laboratory. Currently, the Ultrasound lab is being utilised as a PG research laboratory for our postgraduate students. PG students who opt for research in sonographic anatomy, work in the lab under guidance and supervision.

In future, the Ultrasound lab will also be utilised for regular MBBS teaching training for conducting the electives as per the CBME curriculum. The Sonographic anatomy elective module has already been prepared and sent to the Department of Medical education, KGMC.

## **Anesthesia Department:**

ATLS Provider course is a three day course which includes-

1. Interactive lectures
2. Skill stations
3. Demonstrations
4. Group discussions
5. Simulated patient scenarios
6. Written exams

ATLS instructor course is a two day course which includes-

1. Interactive lectures and microteaching presentations
2. Group discussion and triage scenarios
3. Skill station teaching and practice teaching skill stations
4. Initial assessment (moulage) station teaching and practice teaching initial assessment stations.

  
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