



Anatomica-AIMS



Volume 7 Issue 2 December 2017

A Message from the Editor

With the divine blessings of
bhairavaikya paramapoojya jagadguru

SRI SRI SRI

Dr.BALAGANGADHARANATHAMAHASWAMIJI,

In the presence of paramapoojya jagadguru
SRI SRI SRI Dr.NIRMALANANDANATHAMAHASWAMIJI

And

Under the guidance of our beloved Principal,
DR. SHIVARAMU M G,

It brings me great pleasure to present the current issue
of our departmental newsletter, "**ANATOMICA-AIMS**".



I am very proud to inform that our department conducted a **National Level Human Anatomy Quiz** Competition for the first time in the history of the institution. Students from all over the country participated in the event and turned it into a stupendous success. We are planning to conduct the quiz program on an annual basis.

I would like to thank our editorial team for bring out this latest edition of Anatomica AIMS in a timely manner.

I would also like to congratulate the students of 2016 Batch for performing exceedingly well in the RGUHS Examination and securing a pass percentage of ninety.

Patron

Paramapujya

Sri Sri Sri

Dr.Nirmalanandanatha

Mahaswamiji

Advisor

Dr.Shivaramu MG

Principal, AIMS

Editor

Prof Dr.Rajendra R

Professor and HOD

Editorial team

Dr.Surendra.M

Dr.Tejaswi H L

Dr.Asharani S K

Dr.Thejeshwari.H.G.

Dr.Ajay.N

Dr. Samridhi Puri

Dr. Shilpa M



E – Mail

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MICROTEACHING-Conducted on 1st July 2017

Singing about humanity on doctors day on 5.7.2017



Dr.Samridi Puri, Assistant professor of Anatomy delivering a talk on Lymphatic drainage of thorax



Dr. H.G. Thejeshwari. Assistant professor of Anatomy.

PAPERS PRESENTED IN KCA 19 'WORLD CONGRESS OF ANATOMISTS conducted in Gadag from 22-24th september 2017 by

1. Dr. Asharani.S.K.- Assistant professor of anatomy . **Title** being 'Morphological and morphometrical study of human bony labyrinth.'
2. Dr.H.G.Thejeshwari.- Assistant professor of Anatomy. **Title** being 'Sexual dimorphism of carrying angle in adults of south Indian population'



Dr. Asharani.S.K presenting a Paper in KCACON 19

FELICITATION – on Doctors day on 5.7.2017



Dr. Surendra .M. Professor of Anatomy with his wife and colleague Dr. Vijayalakshmi .S. Professor and Head, Dept of OBG while receiving 'Best teacher award,

Research Article

The correlative study of degrees of carrying angle with height of body in both the sexes of south Indian population

Abstract

Aims and Objectives: a. By knowing the carrying angle one can explore the height in both the sexes and vice versa. b. It has medicolegal and ethnic importance.

150 normal subjects, out of which 68 males and 82 females were selected for study. The mean value of height of males was 170.2 (SD+ 7). Mean value of Left carrying angle in males was 163.6 (SD + 6.1). The mean value of degree of right carrying angle in males was 169.8 (SD + 4.4). In females the mean value of height was 155.6 (SD + 5.9). The mean value of left carrying angle in females was 164.9 (SD + 3.6). Mean value of right carrying angle in females was 171.2 (SD + 3.4). The t 'test value for height was 13.7, for left carrying angle was 8.5, for right carrying angle it was 8.6. All these values were statistically highly significant (P < 0.01). While Correlating the height with left and right carrying angle in males, it was found that 't' test value of left carrying angle was 7.53, r= -0.68 and that 't' test value of right carrying angle in males was 7.33, r= -0.67 which was highly significant (P < 0.01). On correlation of height with right and left carrying angle in females, it was found that 't' test value of left carrying angle was 9.84, r= 0. -74, and of right carrying angle was 9.55, r= -0.73. Both the values are statistically highly significant (P < 0.01). In the study of logistic regression $Y = 340.3 - 0.986(\text{Height}) - 0.612(\text{Left carrying angle}) - 0.469(\text{Right carrying angle})$. These values are statistically highly significant. This present study of south Indian population have regional or ethnic significance. This study is important for the medicolegal experts as they can explore the height by knowing the degree of carrying angle of the person, Anatomists, Anthropologists, radiologists, after above all, to the Orthopaedicians to reconstruct the normal elbow joint by knowing the height of the patient.



Dr. H G Thejeshwari,
Assistant Professor

Summary and Conclusion

In the present study of correlation of height with carrying angle, it was observed that dominant or working hand has more degree of carrying angle. Moreover degrees of carrying angle is more in females than males. By knowing the height, one can predict the carrying angle and vice versa. Hence this study is important for medicolegal experts, Anthropologists and Anatomists apart from orthopaedicians and radiologists. But this study demands further genetic and nutritional studies, to throw more light on the variations of degrees of carrying angle. Because these joints co-ordinates or reciprocates with body movements under particular neural pathway, but variations in degrees of carrying angle is due to particular genetic makeup, and still it is not clear of the exact mechanism of such pathway under the CNS stimulation. In addition to this nutritional status also plays a vital role to keep the genes active. Under malnutrition these genes are called as 'silence' genes.

Acknowledgments

The author is grateful to Dr. M.G. Shivaramu, Principal AIMS, BG Nagara for constant encouragement.

UNDERGRADUATE QUIZ COMPETITION was organized by the department of Anatomy on 10.10.2017



Participants of the final round of the quiz



Members of Organizing team of quiz



Dr. Tejaswi. H.L. Associate professor of anatomy discussing with other team members



Participants of written quiz



Dr. Ajay quiz master conducting the quiz.



Dr. Rajendra.R. H.O.D. of Anatomy distributing prize to the winner.

CME'S ATTENDED by faculty

1. **Microbiology** – Role of microbiologist in health care on 14th september 2017.

Dr.Asharani .S.K.
Dr.Thejeshwari.H.G.
Dr.Samridhi puri.
Dr.Shilpa Madhukar.

2. **Biochemistry** – Clinicians and biochemists on single platform on 11th october 2017

Dr.Asharani .S.K.
Dr.Samridhi puri.
Dr.Shilpa Madhukar

3. **Community medicine** – preventive issues and update on Diabetes mellitus on 21st october 2017

Dr. H.G.Thejeshwari

4. **Physiology and medicine** – COPD an update.

Dr.Asharani .S.K.
Dr.Thejeshwari.H.G.
Dr.Samridhi puri.
Dr.Shilpa Madhukar

PAPERS PUBLISHED in the department

1. *'The correlative study of degrees of carrying angle with height of body in both the sexes of south indian population'* .Dr.Thejeshwari Dr.Makandar.U.K.Dr.Rajendra.R. j.Indian journal of clinical anatomy and physiology.Jul – Sep 2017
2. *'Astudy of sacral nerve relationship with tendoachillis in human cadavers'* .Dr.Shilpa.M. J. International journal of Anatomy and research Sep 2017
3. *'A cadaveric study of Azygous venous system'* .Dr.Shilpa.M. j.International journal of Anatomy and research Aug 2017

INTERNATIONAL MEN'S DAY conducted on 11.11.2017

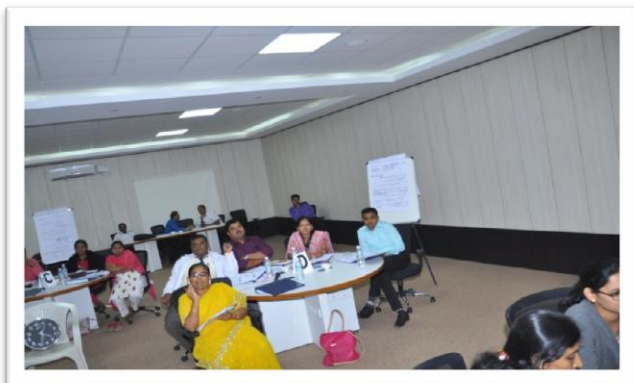


Dr. Rajendra R. HOD of Anatomy along with Principal, Registrar and Chief Guest planting a tree.

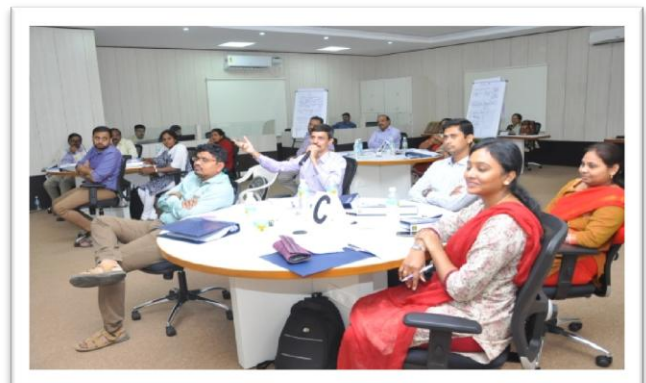
3RD REVISED BASIC COURSE WORKSHOP IN MEDICAL EDUCATION TECHNOLOGIES
conducted on 13th – 15th December 2017.



Dr. Tejaswi.H.L. Associate professor of Anatomy as a resource person in the workshop



Dr. H.G. Thejeshwari .participant in the workshop along with her team.



Dr. Shilpa .M. participant in the workshop along with her team