



BLDE

(DEEMED TO BE UNIVERSITY)

Department of Obstetrics & Gynecology

Curriculum

Fellowship Programme

**“Urogynecology, Pelvic Floor Disorders and
Pelvic Reconstructive Surgeries”**

2023-24

**Published by
BLDE**

(DEEMED TO BE UNIVERSITY)

Declared as Deemed to be University u/s 3 of UGC Act, 1956

The Constituent College

SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL AND RESEARCH CENTRE, VIJAYAPURA
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Azadi Ka
Amrit Mahotsav

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Accredited with 'A' Grade by NAAC (Cycle-2)

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BLDE(DU)/REG/FELLOWSHIP/2023-24/ 0874

May 13, 2023

NOTIFICATION

On recommendation of the 40th meeting of the Academic Council dtd. 27.12.2022, the 61st meeting of the Board of Management dtd. 18.04.2023 and on approval of the Hon'ble Vice-Chancellor, vide no. 154/1 dtd. 13.05.2023, the following Fellowship Programme will be offered under the Faculty of Medicine from the Academic Year 2023-24 and notified as under.

Sl. No.	Name of the Programme	Department	Programme Fee (Rs.)	Intake	Duration
1	Fellowship in Urogynecology, Pelvic Floor Disorders and Pelvic Reconstructive Surgeries	OBGy	10,000/-	02	01 Year


REGISTRAR
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BLDE (Deemed to be University)
Vijayapura-586103, Karnataka

Copy to:

- The Principal and Dean FoM
- The Dean, FoAHS
- The Vice Principal (Clinical)
- The Controller of Examination
- The Finance Officer
- The Co-ordinator/ Director, IQAC
- The Prof. & HoD, Department of OBGy
- The Librarian (University)
- The Assistant Registrar

Copy respectfully submitted for information:

- The Hon'ble Pro-Chancellor
- The Hon'ble Vice-Chancellor
- The Hon'ble Pro-Vice Chancellor

Smt. Bangaramma Sajjan Campus, B. M. Patil Road (Sholapur Road), Vijayapura - 586103, Karnataka, India

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Vision

To be a leader in providing quality medical education, healthcare & to become an Institution of eminence involved in multidisciplinary and translational research, the outcome of which can impact the health & the quality of life of people of this region.

Mission

- To be committed to promoting sustainable development of higher education, including health science education consistent with statutory and regulatory requirements.
- To reflect the needs of changing technology.
- Make use of academic autonomy to identify dynamic educational programs.
- To adopt the global concepts of education in the healthcare sector.

Fellowship in Urogynecology, pelvic floor disorders and pelvic reconstructive surgeries

Preamble:

- The role of the urogynecologic fellowship is to provide the fellow with the necessary training and education to be skilled in diagnosing, evaluating and managing various pelvic floor disorders and other urogynecological diseases.
- The fellow is exposed to the broad application of urogynecological procedures.
- The fellow will have opportunity to learn basics in clinical research
- The fellow will be provided with the necessary stimuli to pursue a successful career in urogynecology and to be able to set up a practice or join an academic career on completion of the fellowship.

Scope/Need for fellowship in OBG Department:

Aims and objectives:

- To develop proficiency and expertise in clinical assessment of the patient
- To develop proficiency in the evaluation of urogynecological conditions
- To develop proficiency in the surgical skills required to operate urogynecological disorders.

Duration of Fellowship programme: 1 year

Eligibility: Any MBBS with DNB/MS in Obstetrics and Gynecology Degree, qualification, who has qualified the Entrance Examination and interview conducted by BLDE (DU) and fulfill the eligibility criteria on merit basis.

Total Intake: 02

Structure of fellowship programme: (Teaching Strategies/ Theory Training/ Practical or Projects)

The training program would focus on knowledge, skills and attitudes (behavior), all essential components of education. It is being divided into theoretical, clinical and practical in all aspects of the delivery of the rehabilitative care, including methodology of research and teaching.

Theoretical: The theoretical knowledge would be imparted to the candidates, through discussions, journal clubs, symposia and seminars. The students are exposed to recent advances through discussions in journal clubs.

Clinical: The trainee would be attached to a faculty member to be able to pick up methods of history taking, examination, prescription writing and management in rehabilitation practice.

The fellow shall be posted to the Department of Obstetrics and Gynecology. He/she shall attend all operations pertaining to urogynecology. The fellow shall begin with observing followed by assisting and performing the surgeries.

The fellow shall be posted to Department of urology where they shall acquire proficiency in evaluating and managing urinary incontinence, fistula, and urogynecological injuries.

Bedside: The trainee would work up cases, learn management of cases by discussion with faculty of the department.

The fundamental components of the teaching programme should include:

1. Case presentations & discussion- 8
2. Seminar -7
3. Journal club-7
4. The fellow is also to be involved in undergraduate and post graduate teaching in the Department obstetrics and gynecology.
5. A poster and one oral presentation at least once during their training period in a recognized conference.
6. The rounds should include bedside sessions, file rounds & documentation of case history and examination, progress notes, round discussions, investigations and management plan) interesting and difficult case unit discussions.
7. Fellow is expected to attend all urogynecological surgeries in the department of obstetrics and gynecology. The fellow shall be posted to department of urology for a period of 3 months. During this period , the fellow shall observe and develop proficiency in interpreting urodynamic tests, evaluation and management of urinary tract infections, urinary incontinence and urogynecological injuries. The fellow shall be posted for a period of 2 weeks to the department of radiology to acquire proficiency in the interpretation of the ultrasounography of the urogenital system.

Research: The student would carry out the research project and write an original research paper/article. He/ she would also be given exposure to partake in the research projects going on in the departments to learn their planning, methodology and execution so as to learn various aspects of research.

Syllabus

Basic sciences

Anatomy: Anatomy of the female reproductive system and renal system. Embryology of female urogenital system and clinical application.

Physiology: Comprehensive knowledge of human physiology with particular reference to the female and reproductive and renal system.

Pharmacology: Comprehensive knowledge of the properties, pharmacodynamics, actions, interactions and hazards of pharmacological agents which are used in urogynecology.

Microbiology: Comprehensive knowledge of the microorganisms affecting the urogenital tract

Clinical sciences

Clinical examination

History taking and examination

Bladder diary and symptom score

Basic renal function test interpretation

Urodynamic test

Basic neurological evaluation

Interpretation of imaging of the lower urinary tract

Basic cystoscopy

Evaluation and management of urinary incontinence

Overactive bladder

Urinary tract infections

Surgical management of urinary incontinence (TVT, Burch colposuspension, fistula repair)

Surgical management of urogynecological injuries.

Evaluation of pelvic organ prolapse, POPQ classification

Conservative treatment of pelvic organ prolapse
Operative procedures for pelvic organ prolapse
Repair of cystocele, enterocele, rectocele, prevention of enterocele
Surgeries for vault prolapse (vaginal and abdominal route)
Fothergill's operation
Sling surgeries
Urogenital fistula
Female sexual dysfunction
Repair of old perineal tears.
Preventive urogynecology
Physiotherapy in pelvic organ prolapse.

6. Competencies (objective structured assessment of technical skill-OSATS)

The fellow shall be required to assist/ perform the following

1. Cystocele repair
2. Rectocele repair
3. Enterocele repair
4. Tran abdominal sacrocolpopexy
5. Trans vaginal sacrospinous fixation
6. McCall's culdoplasty
7. Fothergills operation
8. Sling surgeries
9. Bladder injury repair
10. Cystoscopy.
11. Chronic perineal tear repair
12. Stenting /ureteric catheterisation
13. Uro Dynamic study
14. VVF and UVF repair

Teaching and Learning activities:

The fundamental components of the teaching programme should include:

1. Case presentations & discussion- 8
2. Seminar -7
3. Journal club-7
4. The fellow is also to be involved in undergraduate and post graduate teaching in the Department obstetrics and gynecology.

5. A poster and one oral presentation at least once during their training period in a recognized conference.

6. The rounds should include bedside sessions, file rounds & documentation of case history and examination, progress notes, round discussions, investigations and management plan) interesting and difficult case unit discussions.

Monitoring of learning process:

7. Log Book

The fellow is expected to maintain a log book and enter it regularly.

Format

Sl No.	Date	Procedure	O-Observed,A-assisted, PS-Perfermoned with supervision, PI- Performed independently	Remarks by faculty

Sl No.	Date	Topic	Teaching program JC-Journal club, S-seminar, CD-case discussion O- others	Remarks by faculty

Evaluation of learning process:

8. Exam

Exit exam shall be conducted after 1 year of course

The exam shall have 1 theory of 100 marks and one practical exam of 100 marks.(40 marks long case, Two 20 marks short case and 20marks Viva) The candidate shall be considered to have passed if they procure 50%marks in both theory and practical independently.

Examiners:

Shall be three examiners of which two are internal and one is external, the examiner should be professors/PG teachers of department of OBG in teaching hospital, proficient in Urogynaecology

Reference books:

1. Principles and Practice of Urogynaecology
by A Tamilselvi (Editor), Ajay Rane (Editor)
2. UROGYNAECOLOGY P (Oxford Specialist Handbooks in Obstetrics and Gynaecology)
by Helen Jefferis, Natalia Price, et al
3. Ambulatory Urology and Urogynaecology
by Abhay Rane and Ajay Rane

Teaching Faculty:

1. Dr. S.R.Bidri
2. Dr. Rajasri.Yaliwal
3. Dr. S.R.Mudanur
4. Dr. Neelamma.Patil
5. Dr. Shobha.Shiragur
6. Dr. S.B.Patil,
7. Dr. Vinay Kundargi
8. Dr. Santosh Patil