

# Curriculum Vitae



## 1. PERSONAL DETAILS

| Item                      | Detail                                      |
|---------------------------|---------------------------------------------|
| Name                      | Biji Thomas George                          |
| Date of Birth             | 08 February 1967                            |
| Address for communication | Associate Professor (Surgery), RAKMHSU, UAE |
| Contact Number (Mobile)   | +971 50 1163495                             |
| Email ID                  | biji@rakmhsu.ac.ae                          |

## 2. HIGHLIGHTS

### About me:

1. I am an UK qualified General and Laparoscopic Surgeon with over **24 years of clinical experience** and **over 12.5 years of clinical teaching experience** following my highest terminal degree.
2. My best attributes are hard work, integrity, honesty, empathy and compassion to my fellow human beings whichever station in life they happen to be placed in.
3. I always keep myself updated and work hard to infuse new knowledge to the benefit of my students.
4. I believe that I can be an asset to any institution I work in with my work ethic and experience.

### Academic profile:

5. My passion has been teaching and passing on the lessons learnt over the past 24 years of clinical experience to my students.
6. I continuously update my teaching methods to adopt modern methods of pedagogy and positively impact student learning and acquisition of clinical skills
7. I have consistently good feedback from students and peers regarding my academic activities.

### Research profile:

8. During the current academic year, I have collaborated with researchers from many institutions throughout the world.
9. I am involved in **15 completed research projects during the current academic year** of which 5 are published in Scopus and PubMed indexed journals, 6 more are in peer review after submission to Scopus indexed journals and a further 4 are in manuscript which are planned to be submitted to Scopus indexed journals in the coming couple of months.
10. I am also a reviewer for indexed journals including Scopus indexed ones.

### Administrative profile:

11. In addition to my administrative duties as Assistant Dean, Clinical Sciences, I also was in charge of the administration of the Surgery Department, which is involved in six courses for MBBS Years 3, 4 and 5, for the entire year.

### 3. TEACHING EXPERIENCE (STARTING FROM MOST RECENT):

| SL.                              | POST                                   | INSTITUTION                                                                    | DURATION                         | TEACHING EXPERIENCE          |
|----------------------------------|----------------------------------------|--------------------------------------------------------------------------------|----------------------------------|------------------------------|
| 1                                | Associate Professor in Surgery         | RAK College of Medical Sciences, RAK, RAKMHSU, UAE                             | 6th November 2018 – till present | 5 years and 7 months         |
| 2                                | Associate Professor in General Surgery | Sree Mookambika Institute of Medical Sciences, Kulasekharam, Tamil Nadu, India | 1 May 2011 – 19 April 2013       | 1 year and 11 months         |
| 3                                | Assistant Professor in General Surgery | Sree Mookambika Institute of Medical Sciences, Kulasekharam, Tamil Nadu, India | 1 May 2006 – 30 April 2011       | 5 years                      |
| <b>Total teaching experience</b> |                                        |                                                                                |                                  | <b>12 years and 6 months</b> |

### Innovations in teaching and assessment:

1. Use of social media for doubt clearing session with individual students
2. Use of polling software like Slido and Poll anywhere during lectures
3. Use of role playing during clinical teaching
4. Development of high-fidelity manikin training sessions
5. Use of virtual clinical rotations during remote classroom sessions
6. Use of modern teaching methods like flipped classroom and problem based clinical decision-making sessions
7. Currently implementing a staged overhaul of the summative OSCE assessments to adopt international standards
8. Revamping the conduct of Team based learning for the academic year 2024-25

### 4. CLINICAL EXPERIENCE (STARTING FROM MOST RECENT):

| SL. | POST                                                    | INSTITUTION                                                                                              | DURATION                     | CLINICAL EXPERIENCE  |
|-----|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------|----------------------|
| 1   | Specialist General and Laparoscopic Surgeon (Part-time) | RAK Hospital, Ras al Khaimah, United Arab Emirates                                                       | November 2019 – till present | 4 years and 7 months |
| 2   | Specialist General and Laparoscopic Surgeon             | Royal Medical and Dental Center (Now NMC Royal and Medical Center), Ras al Khaimah, United Arab Emirates | April 2017 –October 2018     | 1 year and 6 months  |
| 3   | Senior Consultant General and Laparoscopic Surgeon      | Atlas Hospital, Muscat, Sultanate of Oman                                                                | April 2015 – March 2016      | 1 year               |
| 4   | Senior Consultant General and Laparoscopic Surgeon      | Starcare First Medical Center                                                                            | December 2014 – March 2015   | 3 months             |
| 5   | Senior Consultant General                               | Starcare Hospital,                                                                                       | September 2012 –             | 2 years and 1        |

|                                  |                              |                                                                                                  |                             |                      |
|----------------------------------|------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------|----------------------|
|                                  | and Laparoscopic Surgeon     | Muscat, Sultanate of Oman                                                                        | October 2014                | month                |
| 6                                | Senior Consultant Surgeon    | SK Hospital, Edapazhanji, Trivandrum, Kerala, India                                              | April 2004 - September 2012 | 8 years and 6 months |
| 7                                | Junior Consultant Surgeon    | Vanchinad Hospitals Ltd. (now closed), Kochulloor, Medical College PO, Trivandrum, Kerala, India | 2002-2004                   | 2 years              |
| 8                                | Junior Surgeon               | St. Joseph's Mission Hospital, Anchal, Kerala, India                                             | 1998-2002                   | 4 years              |
| 9                                | General duty Medical Officer | The Assembly of God Hospital and Research Centre, Calcutta, India                                | 1991-93                     | 2 years              |
| <b>Total clinical experience</b> |                              |                                                                                                  |                             | <b>26 years</b>      |

Over all these clinical assignments, I have conducted independent outpatient clinics, investigated, pre-operatively prepared and managed Surgical patients attending the Hospital. I also did second call roster duties at the Accident and Emergency department.

I have performed common General Surgical operations like Hernia surgeries, Appendicectomies, minor excisions as well as more complex procedures like stomach, colon, breast, thyroid, parotid gland surgeries etc.

I have extensive experience in basic Laparoscopic procedures also including diagnostic and therapeutic procedures like appendicectomies, hernia surgeries and cholecystectomies. I also have performed advanced laparoscopic surgeries like colon resection and adrenal tumor excision. I also helped our gynecologists with their laparoscopic work.

## 5. EDUCATIONAL QUALIFICATIONS

### A. PROFESSIONAL QUALIFICATIONS

| DEGREE                                                 | COLLEGE & UNIVERSITY                                    | YEAR | MAJOR SUBJECT WITH SPECIALIZATION | DISSERTATION/T HESIS TITLE( IF APPLICABLE) |
|--------------------------------------------------------|---------------------------------------------------------|------|-----------------------------------|--------------------------------------------|
| FRCS                                                   | Royal College of Physicians and Surgeons of Glasgow, UK | 2003 | General Surgery                   | NA                                         |
| Master of Surgery (M.S.)                               | University of Kerala                                    | 1998 | General Surgery                   | A prospective study on Sigmoid volvulus    |
| Diplomate of National Board of Examinations, (Dip. NB) | National Board of Examinations, New Delhi, India        | 2000 | General Surgery                   | NA                                         |
| Bachelor of                                            | University of                                           | 1991 | Undergraduate                     | NA                                         |

|                                            |        |  |          |  |
|--------------------------------------------|--------|--|----------|--|
| Medicine and Bachelor of Surgery (M.B.B.S) | Madras |  | medicine |  |
|--------------------------------------------|--------|--|----------|--|

## B. CONTINUING EDUCATION: COURSES, WORKSHOPS, SEMINARS,

### 6. ADMINISTRATIVE EXPERIENCE:

| SI | DATE | CONFERENCE TITLE                                                                |
|----|------|---------------------------------------------------------------------------------|
| 1  |      | ASSISTANT DEAN CLINICAL SCIENCES (FROM SEPTEMBER 2023)                          |
| 2  |      | ADMINISTRATION OF THE DEPARTMENT OF SURGERY (FROM SEPTEMBER 2023)               |
| 3  |      | COURSE COORDINATOR – MBBS YEAR 4 (FROM 2019 TO 2023)                            |
| 4  |      | ADMINISTRATOR OF OPERATION THEATER AND JOURNAL EDITOR – STARCARE HOSPITAL, OMAN |
| 5  |      | ADMINISTRATOR OF OPERATION THEATER – SK HOSPITAL, INDIA                         |

### 7. RESEARCH

#### A. PUBLICATIONS/BOOKS/BOOK CHAPTERS/PEER-REVIEWED JOURNAL ARTICLES/CONTRIBUTION TO EDITED VOLS. EQUIV. TO PEER-REVIEWED JOURNALS ETC.

##### JOURNAL ARTICLES PUBLISHED DURING THE LAST 5 YEARS

| S. No | Title of the publication                                                                                                                                                                                                 | Journal                                            | Indexed? (Yes/No) | PubMed/Scopus/ Web of Science/Other |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------|-------------------------------------|
| 1     | Infantile Neuroaxonal Dystrophy: Case Report and Review of Literature                                                                                                                                                    | Medicina 2024, 60, 1322.                           | Yes               | Scopus                              |
| 2     | Posterior Longitudinal Ligament Calcification with Myelopathy - A Case Report                                                                                                                                            | New Emirates Medical Journal. 2024;5               | Yes               | Scopus                              |
| 3     | Visualizing Medical Research: Exploring the Influence of Infographics on Professional Dissemination                                                                                                                      | The Scientific World Journal. 2024;2024(1):5422121 | Yes               | Scopus                              |
| 4     | The Molecular Basis of Male Infertility in Obesity: A Literature Review                                                                                                                                                  | Int J Mol Sci. 2023;25(1)                          | Yes               | Scopus                              |
| 5     | Molecular Basis of Müllerian Agenesis Causing Congenital Uterine Factor Infertility-A Systematic Review.                                                                                                                 | Int J Mol Sci. 2023;25(1)                          | Yes               | Scopus                              |
| 6     | WBC Count vs. CRP Level in Laboratory Markers and USG vs. CT Abdomen in Imaging Modalities: A Retrospective Study in the United Arab Emirates to Determine Which Are the Better Diagnostic Tools for Acute Appendicitis. | Cureus. 2023;15(10): e47454                        | Yes               | Pubmed                              |

|    |                                                                                                                                                 |                                                                                                                                                                                  |     |                |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------------|
| 7  | Temporomandibular Disorder Related Causes - A Short Communication                                                                               | J Dent Sci Med 2018, Vol 3(1): 124                                                                                                                                               | Yes | Pubmed         |
| 8  | Posterior tibial tendon injury - is missed diagnosis, a possibility? Should it be suspected in all ankle eversion sprains? - a Case Report      | IJSR 2020, 9(10), 1-2. doi:10.36106/ijsr                                                                                                                                         | Yes | Google Scholar |
| 9  | The retrieval of a surgical blade broken within the alveolar bone during minimally traumatic tooth extraction                                   | BMJ Case Reports 2021;14: e240162.                                                                                                                                               | Yes | Scopus         |
| 10 | Considerations in Real-time Reverse Transcription Polymerase Chain Reaction (rRT-PCR) for the Detection of SARS-CoV-2 from Nasopharyngeal Swabs | Journal of Pharmaceutical Research International, 2021, 33(17), 68-78. <a href="https://doi.org/10.9734/jpri/2021/v33i1731309">https://doi.org/10.9734/jpri/2021/v33i1731309</a> | Yes | Web of Science |
| 11 | Subhepatic appendicitis: A diagnostic conundrum                                                                                                 | Journal of Health Sciences 2021 11 (2) 130-136 <a href="https://doi.org/10.17532/jhsci.2021.1265">https://doi.org/10.17532/jhsci.2021.1265</a>                                   | Yes | Scopus         |
| 12 | Multifactorial Effects of COVID-19: Medical Practice, Education and Public Health Challenges                                                    | Acta Scientific Microbiology 4.9 (2021): 147-15 DOI: 10.31080/ASMI.2021.04.0922                                                                                                  | Yes | Google Scholar |
| 13 | Significance of Patient Safety and Safety Culture in Dental Schools: A Systematic Review                                                        | The Open Dentistry Journal. 2021; 15:241-9                                                                                                                                       | Yes | Scopus         |
| 14 | Spigelian Hernia and Appendicitis: A Rare Case Report                                                                                           | New Emirates Medical Journal. 2022;04                                                                                                                                            | Yes | Scopus         |

## 7. FELLOWSHIPS

| S.No | Category | Granting Organization                                                                            | Year in which Received |
|------|----------|--------------------------------------------------------------------------------------------------|------------------------|
| 1    | FRCS     | Fellow of the Royal College of Physicians and Surgeons of Glasgow (FRCS-Glasgow), United Kingdom | 2003                   |
| 2    | FACS     | Fellow of the American College of Surgeons, United States of America                             | 2024                   |

## 8. SERVICE TO PROFESSION/PROFESSIONAL CONTRIBUTIONS, ACTIVITIES AND SKILLS

| S.No | Category                 | Organization                                                          | Year in which Received /Joined |
|------|--------------------------|-----------------------------------------------------------------------|--------------------------------|
| 1    | Affiliations/Memberships | Fellow of the Royal College of Physicians and Surgeons of Glasgow, UK | 2003                           |
|      |                          | Member of the Indian Medical Association                              | 1994                           |
|      |                          | Member of the Association of Surgeons                                 | 1998                           |

|   |                                                                     |                                                                                                                                                                                          |         |
|---|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|   |                                                                     | of India                                                                                                                                                                                 |         |
|   |                                                                     | Member of the Association of Minimal Access Surgeons of India                                                                                                                            | 2016    |
|   |                                                                     | Member of the National Academy of Medical Sciences, India                                                                                                                                | 2001    |
| 2 | Membership of Committees                                            | Invited member - RAKMHSU Assessment Committee                                                                                                                                            | 2023    |
|   |                                                                     | Chairperson - RAKMHSU – Exam Review Subcommittee                                                                                                                                         | 2023    |
|   |                                                                     | RAKCOMS Curriculum Committee                                                                                                                                                             | 2023    |
|   |                                                                     | RAKCOMS College Council                                                                                                                                                                  | 2023    |
|   |                                                                     | RAKMHSU CME Committee                                                                                                                                                                    | 2021-23 |
|   |                                                                     | RAKMHSU REC                                                                                                                                                                              | 2022    |
|   |                                                                     | RAK MHSU Covid-19 Committee                                                                                                                                                              | 2020    |
|   |                                                                     | Starcare Journal Editor                                                                                                                                                                  | 2012    |
| 3 | Certifications                                                      | Certificate in Basic Laparoscopic Surgery                                                                                                                                                | 1999    |
|   |                                                                     | Certificate in advanced laparoscopic surgery                                                                                                                                             | 2000    |
|   |                                                                     | BLS                                                                                                                                                                                      | 2022    |
|   |                                                                     | Blood Borne Pathogens                                                                                                                                                                    | 2022    |
| 4 | Licenses                                                            | Specialist, MOH, UAE                                                                                                                                                                     | 2017    |
|   |                                                                     | Consultant, MOH, Oman                                                                                                                                                                    | 2012    |
|   |                                                                     | Consultant, Indian Medical Council                                                                                                                                                       | 1994    |
| 5 | Community activities                                                | Medical Checkup Clinic during Ramadan                                                                                                                                                    | 2024    |
|   |                                                                     | First Aid Workshops (four)                                                                                                                                                               | 2023-24 |
| 6 | Other skills<br>Computer coding (Visual Basic, Java and JavaScript) | Developed a Microsoft Excel based program to simplify question entry into the UMS                                                                                                        | 2020    |
|   |                                                                     | Developed and brought into production a website that allows conference delegates to submit an EHS mandated quiz and download their CME certificate on successful completion of the quiz. | 2021    |
|   |                                                                     | Developed and published an Android gaming app on the Google Play store to improve English vocabulary for students                                                                        | 2017    |