

Dr. Shashank Shekhar,

MBBS, MD, MRCOG, DNB, FMAS

Professor

Department of Obstetrics & Gynecology

All India Institute of Medical Sciences, Jodhpur

ADDITIONAL TRAININGS:

1. IGCS Travel Fellowship in Gynecological Oncology at University College Hospital London (2016)

QUALIFICATIONS

S.No	Degree	Institute/Organization	Year
1	MBBS	IGMC Shimla, State of HP, India	1999
2	MD (O&G)	IGMC Shimla, State of HP, India	2004
3	DNB (O&G)	National Board of Examinations	2014
4	MRCOG	RCOG	2021

WORK- EXPERIENCE

S.No	Post Held	Institute	From	To	Duration
1	House Physician (Dermatology)	IGMC Shimla, State of HP, India	July 1999	Dec 1999	6 months
2	House Surgeon (Casualty & Trauma)	IGMC Shimla	January 2000	June 2000	6 months
3	Demonstrator (Physiology)	IGMC Shimla	July 2000	Feb 2001	7 months
4	Speciality Trainee (PG) O&G	IGMC Shimla, State of HP, India	Feb 2001	April 2004	3 years
5	Specialist Medical Officer O&G	Civil Hospital Kangra, State of HP, India	Aug 2004	January 2006	1 year 6 months
6	Senior Resident O&G (Equivalent to Registrar)	PGIMER Chandigarh	Feb 2006	June 2006	5 months
7	Senior Resident O&G	Dr RPGMC Kangra, Tanda, State of HP	Sept 2006	July 2009	2 years 10 months
8	Assistant Professor O&G	Dr RPGMC Kangra, Tanda, State of HP	July 2009	March 2013	3 years 9 months

9	Assistant Professor O&G	All India Institute of Medical Sciences Jodhpur, India	March 2013	May 2016	3 years 2 months
10	Associate Professor O&G	All India Institute of Medical Sciences Jodhpur, India	June 2016	June 2017	1 year
11	Additional Professor O&G	All India Institute of Medical Sciences Jodhpur, India	June 2017	Dec 2020	3 year 6 months
12	Professor O&G	All India Institute of Medical Sciences Jodhpur, India	Dec 2020	Till Date	3 years
Cumulative Experience					23 years in the Field of O&G

AWARDS / ACHIEVEMENTS

1. **Harold A Kaminetzky Prize Paper 2013** – Best Research Article by a Non-US Researcher. Presented in Annual Conference of ACOG at Chicago, April 2014
2. IGCS Travel Fellowship Award 2016
3. **Faculty Trainer** - Vocational Teaching & Training Mission to Mongolia by Rotary International. 26th August - 8th Sep. 2017
4. Associate Editor, India Journal of Obstetrics & Gynecology Research

REVIEWER for:

1. Obstetrics & Gynecology (Official Publication of ACOG)
2. American Journal of Obstetrics & Gynecology
3. British Journal of Obstetrics & Gynecology
4. European Journal of Obstetrics & Gynecology and Reproductive Biology

Professional Memberships:

1. Member of Royal College of Obstetricians and Gynecologists(MRCOG)
2. International Gynecological Cancer Society (IGCS)
3. European Society of Gynecological Oncology (ESGO)
4. Association of Gynecological Oncologists of India (AGOI)
5. Association of Minimal Access Surgeons of India (AMASI)
6. Federation of Obstetrician & Gynecologists Societies of India (FOGSI)

AREAS OF Interest(s):

1. Gynecological Oncology
2. Minimally Invasive Gynecology
3. Research Methodology

PUBLICATIONS

Total 67

PubMed 37

Citations 918

H-Index 12 (Source: Google Scholar)

1. **Shekhar S**, Kaur SJ. Cervico-Vaginal Junction: The “The North Star of Total Laparoscopic Hysterectomy. *J Gyn Surg* Dec 2023
2. Seidler LA, , Hunter KE, Aberoumand M, Barbara A, Libesman S , Williams JG et al. Deferred cord clamping, cord milking, and immediate cord clamping at preterm birth: a systematic review and individual participant data meta-analysis. ***The Lancet.***
3. Seidler LA, Libesman S, Hunter KE, Barbara A, Aberoumand M, Williams JG et al. Short, medium, and long deferral of umbilical cord clamping compared with umbilical cord milking and immediate clamping at preterm birth: a systematic review and network meta-analysis with individual participant data. ***The Lancet***
4. COVIDSurg Collaborative* and GlobalSurg Collaborative*NIHR Global Health Research Unit on Global Surgery, Birmingham.UKSARS-CoV-2 infection and venous thromboembolism after surgery: an international prospective cohort study. *Anesthesia*

5. Sharma C, Singh P, **Shekhar S** et al. Pre-COVID and COVID experience of objective structured clinical examination (OSCE) as a learning tool for post-graduate residents in Obstetrics & Gynecology - a quality improvement study. *Obstetrics & Gynecology Science* 2023.
6. Nitesh C, Sharma C, **Shekhar S** et al. Does change in the shape of intrauterine contraceptive device Cu 375 and Cu T 380A affect the expulsion after post-partum insertion – a prospective randomized control trial. *The Euro J of Contraception & Rep Health Care* 2023.
7. Saini A, Gothwal M, Singh P, Yadav G, **Shekhar S** et al . The Role of PALM COEIN classification of the underlying causes of Abnormal Uterine Bleeding and Clinicopathological Correlation of Patients Undergoing Hysterectomy in a Tertiary Care Referral Center of Western Rajasthan. *Nigerian Med J* 2022;63(2): 140 -146
8. Jhirwal M, Sharma C, **Shekhar S**, et al. Maternal and Perinatal Outcome in Pregnancy Complicated by Intrahepatic Cholestasis. *Cureus*2022; 14(8): e28512. DOI 10.7759/cureus.28512
9. Patwa P, Sharma C, **Shekhar S** et al. Association of Body Mass Index with Gestational Diabetes Mellitus—an Indian Viewpoint. *SN Comprehensive Clinical Medicine* (2022)4:180
10. Dorwal M, Yadav G, Singh P, Kathuria P, Gothwal M, Ghuman NK, **Shekhar S**. Deriving a prediction model for emergency cesarean delivery following induction of labor in singleton term pregnancies. *Int J of Gyn & Obs* 2022;160(5).
11. Rakhecha G, Vyas H, **Shekhar S** et al. Effectiveness of nurse-led educational intervention package on back pain and activity of daily living in primigravidae women with back pain. *Int J of Community Med & Pub Health* 2022 Jun;9(6):2596 -2603
12. Patwa P, Sharma C, **Shekhar S** et al. Bilateral Fetal Hydronephrosis presenting with Complete Penoscrotal Transposition at Birth: What to tell the Prospective Parents? *J Fetal Med* (Dec 2021)8 : 307- 309
13. **Shekhar S**, Singh P, Vishnoi J, Pareek P, Goel M, Goyal S et al. Upfront Debulking Surgery or Delayed Surgery after Neoadjuvant Chemotherapy for Advanced Stage Epithelial Ovarian Cancer: Comparison of Survival From a Tertiary Care Centre. *Indian J Cancer* 2021(Accepted)
14. Sharma C, Purohit P, Singh P, **Shekhar S** et al. A Clinical and in-silico study exploring the association of CASP-3, NF-kB, miR187 and miR146 in Pre-eclampsia. *Hypertension in Pregnancy* 2021 (Accepted)

15. Gajbhiye R, Montgomery G, Pai MV, Phukan P, **Shekhar S** et al. Protocol for a case-control study investigating the clinical phenotypes and genetic regulation of endometriosis in Indian women: the ECGRI study. *BMJ Open* 2021
DOI:<http://dx.doi.org/10.1136/bmjopen-2021-050844>
16. Jhirwal M, Sharma C, **Shekhar S** et al. Decreasing the duration of point of decision to getting Non-Stress-Test Done: A Quality Improvement Study. *J Obst Gynecol India* Oct 2021
17. Jhirwal M, Sharma C, **Shekhar S**, Meena SP. Smartphone: an asset in medical education and health care in the era of COVID-19 pandemic-our perspective. *International Journal of Community Medicine and Public Health* July 2021. 8(8):4144 DOI: [10.18203/2394-6040.ijcmph20213055](https://doi.org/10.18203/2394-6040.ijcmph20213055)
18. Jhirwal M, Sharma C, Kathuria P, **Shekhar S**. Spontaneous Fetal Intracranial Haemorrhage: Scrutinizing the inscrutable. *JCDR* 2020; 15 (2) QD03-QD04.
19. Sharma C, Jhirwal M, **Shekhar S**, Singh P. Prenatal Evaluation of Cystic Hygroma – Is there a need to revise the protocol? *Taiwanese J Obst Gynecol* 2021; 580.
20. Patwa P, Sharma C, **Shekhar S**, Jhirwal M. Bilateral Fetal Hydronephrosis presenting with Complete Penoscrotal Transposition at Birth: What to tell the prospective parents. *J Fetal Medicine* 2021Nov
21. Sharma C, Bansal S, **Shekhar S**, Jhirwal M, Patwa P. Immune Thrombocytopenia causing Abnormal Uterine Bleeding in an Adolescent Girl having Co-Existent Type-1 Neurofibromatosis- Is it an Association or Coincidence? *JCDR*.2020; Vol-14(11): QD01-QD03
22. Jhirwal M, **Shekhar S**, Sharma C, Tak A. Sex cord stromal tumor of ovary masquerading as polycystic ovarian syndrome. *Int J Reprod Contracept Obstet Gynecol* 2020; 9:2616-8
23. Jhirwal M, Sharma C, **Shekhar S** et al. Syphilis in pregnancy: The Menace Continues to haunt. *India J Obstet Gynecology* 2021
24. Gupta S, Jhirwal M, Sharma C, **Shekhar S**. A Rare Case of Gestational Choriocarcinoma with Lung and Vaginal Metastasis with Obstructive Jaundice. *J Obstet Gynecology* 2021

25. Matthew PS, **Shekhar S**, Jhirwal M, Goel M, Singh P, Sharma C. Barbed Suture Vs Polyglactin suture for Laparoscopic Closure of Vaginal Vault after Total Laparoscopic Hysterectomy: A Prospective Observation Study. *Journal of Gynecological Surgery. J Gynecol Surg* 2021. DOI:10.1089/gyn.2020.0229
26. Vrushti Solanki, Pratibha Singh, Charu Sharma, Navdeep Ghuman, Binit Sureka1, **Shashank Shekhar**, Meenakshi Gothwal, Garima Yadav. Predicting malignancy in adnexal masses by the international ovarian tumor analysis-simple rules. *J Mid Life Health.* 2020;11:217-23
27. Sharma C, Singh P, **Shekhar S**, Jhirwal M, Ghuman NK, Gothwal M et al. How COVID 19 imposed a new normal outlook in reproductive health care of patients, research, teaching and assessment- Perspective of a Gynecologist. *J Family Med Primary Care.* Dec 2020
28. Neha A, **Shekhar S**, Goyal M, Singh P, Yadav T. Successful Outcome in a Rare Case of Live Post Term Ovarian Pregnancy. *J Obstet Gynecol Res* (Accepted)
29. Goel M, Singh P, Singh P, **Shekhar S**, Aggarwal N, Misra S. The effect of the COVID-19 pandemic on maternal health due to delay in seeking health care: Experience from a tertiary center. *Int J of Gynecology & Obstetrics*
<https://doi.org/10.1002/ijgo.13457>
30. **Shekhar S**, Goyal S, Goel M, Sharma C, Jhirwal M. Medium Term Anatomical and Functional Results of Isolated Laparoscopic Sacrocolpopexy for Female Pelvic Organ Prolapse During Early Learning Curve. *J Obstet Gynecol India* 2020. (Corrected Proof)
31. Bansal S, Goel M, Sharma C, **Shekhar S**. Letrozole Versus Clomiphene Citrate for Ovulation Induction in Anovulatory Women with PCOS: A Randomized Controlled Trial. *Int J of Gynecology & Obstetrics* (Accepted)
32. Kaushal R, Bhardwaj P, Goel AD, **Shekhar S**, Kumar P, Goyal JP. Prevalence of Asthma and Sleep Related Breathing Disorder in School Going Children. *Ind J Community Med.* 2020 Oct; 45 (4): 450
33. Kumari M, Thakur S, Singh K, **Shekhar S**. Comparative maternal outcomes of oral nifedipine and intravenous labetalol for severe

- hypertension during pregnancy: an open label randomized controlled trial. *Int J Reprod Contracept Obstet Gynecol.* 2020 Jul;9(7):2847-2851
34. **Shekhar S**, Nag VL, Singh P, Kaushal R, Goyal SB Chandra C. Rubella Seroprevalence among Female Medical Nursing students of Tertiary care Teaching Institute and its correlation with Socioeconomic status. *Ind J Community Medicine.* 2020 (45).
35. Jhirwal M, **Shekhar S**, Sharma C, Tak A. Sex cord stromal tumor of ovary masquerading as polycystic ovarian syndrome. *International journal of reproductive, contraception, obstetrics and gynecology (IJRCOG).* 2020 June;9(6):2616-2618
36. **Shekhar S**, Sharma C, Elhence P, Bansal S, Garg N. A case of high-grade endometrial stromal sarcoma: A poignant allegory. *J -Life Health.* 2019 Oct 1;10(4):209.
37. Bagga N, Elhence P, Rao M, Nalwa A, Khera S, Bharti JN, **Shekhar S**. A prospective study of cervical lesions diagnosed by liquid based cytology in Western Rajasthan, India population. *Int J Res Med Sci.* 2019 Nov 27;7(12):4573-7
38. **Shekhar S**, Jeyaseelan L. Laparoscopic or Open Radical Hysterectomy for Early Stage Cancer Cervix: Data Inconsistency of LACC Trial. *Asian Pac J Cancer Prev,* 20 (10), 2881-2881
39. Sharma P, **Shekhar S**. Superiority of Synthetic absorbable Suture over catgut suture in obstetric and gynecology surgery: Evidence Based Review. *Journal of Indian Medical Association* 2018;116(7): 27-31
40. **Shekhar S**, Gupta N, Kirubakaran R, Pareek P. Oral Nifedipine or Intravenous Labetalol for Hypertensive Emergency in Pregnancy: A Systematic Review & Meta-analysis. *British Journal of Obstetrics & Gynecology* 2015;123(1) 40-47. DOI: 10.1111/1471-0528.13463.
41. **Shekhar S**, Diddi G. Liver Diseases in Pregnancy: Review. *Taiwanese Journal of Obstetrics & Gynecology.*2015; 54:475-82
42. **Shekhar S**, Sharma C, Thakur S, Verma S. Oral Nifedipine or Intravenous Labetalol for Hypertensive Emergency in Pregnancy: A Randomized Controlled Trial. *Obstetrics & Gynecology (Green Journal)* 2013;122(5); 1057-1063doi: 10.1097/AOG.0b013e3182a9ea68

43. **Shekhar S**, Sharma C, Thakur S, Raina N. Cervical cancer screening: Knowledge Attitude and Practices among staff nurses in a Tertiary care teaching institution of Rural India. *Asian Pacific Journal of Cancer Prevention* 2013;14:3641-3645
44. **Shekhar S**, Rana N, Jaswal RS. A Prospective Randomized Study Comparing Maternal and Fetal Effects of Forceps Delivery and Vacuum Extraction. *Journal of Obstetrics & Gynecology of India* 2013;63:116-19
45. Pareek P, Samdariya S, Sharma A, Gupta N, **Shekhar S**, Kirubakaran R. Pentoxifylline and vitamin E alone or in combination for preventing and treating side effects of radiation therapy and concomitant chemoradiotherapy (Protocol) March 2016 Cochrane database of systematic reviews (Online) 2016(3)DOI10.1002/14651858.CD012117.
46. Goyal M, Batra S, Singh P, **Shekhar S**, Elhence P. Swyer syndrome with heterotopic adrenal cortical tissue in streak gonads: A rare case and review of literature. *J Hum Reprod Sci* 2019;12:345-7.
47. Dutt N, Rustagi N, Singh S, Kuwal A, Chaudhary K, **Shekhar S**. *Efficacy and safety of Stent, vapour ablation, coil and sealant therapies in advanced emphysema: A meta-analysis. Turk Thorac J* 2019;20(1) 43-60.18062 DOI: 10.5152
48. Thakur S, Kumari M, Singh K, **Shekhar S**, Sood A, Sharma R. Perinatal outcome in women with severe hypertension during third trimester of pregnancy treated with intravenous labetalol vs. oral nifedipine: A randomized controlled study. *Sub Him J Health Res* 2015;2: 64-68
49. **Shekhar S**, Sharma C, Singh K. Spontaneous viable birth in a case of stage III pelvic endometriosis with bilateral tubal damage following diagnostic intervention: who deserves the credit? *Archives of Gynecology & Obstetrics* 2013;287:473-475
50. **Shekhar S**. Familial Normosmic Idiopathic Hypogonadotropic Hypogonadism – Is there a phenotypic marker for each genetic mutation? Report of three cases and review of literature. *BMJ Case Reports* 2012. doi: 10.1136/bcr-2012-007537

51. **Shekhar S**, Singh K, Chander B. When does an ectopic ovarian pregnancy rupture? Case report of an unusual early rupture of a primary ovarian pregnancy with review of the literature. *Journal of Gynecological Surgery* 2013; 29(5):245-247
52. **Shekhar S**, Sharma C, Surya M, Aggarwal N. Isolated gonadotropin deficiency with primary empty sella: Causal or casual association? *Open Journal of Obstetrics & Gynecology* 2012;vol 2(3): 276-278
53. **Shekhar S**, Verma S, Motey R, Kaushal R. Hysterotomy for retained placenta with imminent uterine rupture in a preterm angular pregnancy. *Acta Obstetrica et Gynecologica Scandinavica*. 2010;89:1615-1617
54. **Shekhar S**, Singh K, Chauhan N, Sharma C. Delayed and successful manual removal of abnormally adherent placenta (AAP) necessitated by uterine sepsis following conservative management with adjuvant methotrexate: A rewarding clinical experience. *South African Journal of Obstetrics & Gynecology* 2013;19(1):19-21 DOI:10.7196/SAJOG.570
55. **Shekhar S**, Sharma C, Soumya V. Bilateral ovarian endometriomas presenting as non progress of labor: First Case Report In Literature: Is Concomitant Surgical Excision During Cesarean Section Advisable? *Case Reports in obstetrics & Gynecology* 2012; 2012: 741617. doi: 10.1155/2012/741617
56. **Shekhar S**, Thakur S, Singh K, Chander B. Synchronous Papillary Cystadenocarcinoma of Ovary and Squamous Cell Carcinoma of Lower Vagina: First report of an unusual chance occurrence. *BMJ Case Reports* 2012. doi:10.1136/bcr-2012-007868
57. Gaur N, Singh P, **Shekhar S**, Gothwal M, Yadav G, Kathuria P. Complete Androgen Insensitivity Syndrome: Successful Laparoscopic Management *J Obstet and Gynecol India* 2019; 69(suppl 1):53-55. DOI10.1007/s13224-017-1084-2
58. Chandra C, **Shekhar S**, Vyas J. The role of Transvaginal ultrasonography in initial evaluation of abnormal uterine bleeding (AUB) in pre-menopausal women. *BJOG- An International Journal of Obstetrics & Gynecology* 2014;121:51
59. Sharma C, **Shekhar S**, Rane SU, Sharma M. Cervical leiomyosarcoma: what is the optimum management? *European Journal of Obstetrics & Gynecology and Reproductive Biology* 2012; Dec; 165(2):368-9. doi: 10.1016/j.ejogrb.2012.07.015.

60. Sharma C, **Shekhar S**, Sharma V, Sharma M, Aggarwal T. Paucibacillary tubercular vulval ulcer in a sexually inactive pubertal girl: role of therapeutic trial. *Journal of Pediatric and Adolescent Gynecology* 2012 Dec; 25(6):e123-4.
DOI: 10.1016/j.jpag.2012.07.005
61. Sharma C, **Shekhar S**, Sharma M, Rane SU, Aggarwal T. Pre-pubertal isolated plexiform neurofibroma of labium majus without clitoral involvement. *Acta Obstetrica et Gynecologica* 2012;91:1000
62. Sharma C, **Shekhar S**, Kumar S, Chaudhary R. Gangrenous cecal volvulus complicating puerperium: Is the delay in diagnosis really inevitable? *Case Reports in Obstetrics & Gynecology* 2012;2012:236109
63. Chander B, **Shekhar S**. Osseous Metaplasia in Leiomyoma: A first in a uterine leiomyoma. *Journal of Cancer Research and Therapeutics* 2015;11(3):661-62
DOI: 10.4103/0973-1482.138104
64. **Shekhar S**. Complete Thoraic Ectopica Cordis with Craniofacial Defects & amniotic band: A case report. *Indian J Obstet Gynecol Research* 2014;1:43- 46
65. **Shekhar S**. Antipsychotics & Menstrual Disorders. *Minds* 2014;4(11): 3
66. Patnana AK, Chugh A, Chugh VK, **Shekhar S**. Simple and novel technique for fabrication of prosthetic vaginal dilators. *BMJ Case Reports* 2019;12(4):e229524.
DOI: 10.1136/bcr-2019-229524
67. Singh P, Lath N, **Shekhar S**, Goyal M, Gothwal M, Yadav G, Khera P. Struma Ovarii: A Report of Three Cases and Literature Review. *J Mid-Life Health* 2018;9:225-9.

ABSTRACTS in INTERNATIONAL CONFERENCES:

- 1.** Successful Pregnancy With Gonadotropins in a Female With Normosmic Idiopathic Hypogonadotropic Hypogonadism Due to a Novel Biallelic GNRHR frameshift mutation: Additional Evidence that GNRHR Signaling is Not Essential for Ovarian Folliculogenesis (Presented *in Endo 2018 Chicago, Illinois USA*)
- 2.** Medium Term Anatomical & Functional Results of Isolated LSCP during the Early Learning Curve (Presented in 13th Congress of European Society of Gynecology October 2019 at **Vienna, Austria**)
- 3.** High Grade Lesions of Cervix – Which Score to Score? RCOG Virtual World Congress 2021.
- 4.** Immunohistochemistry as an Ancillary aid in Differentiating Endometrial from Cervical Adenocarcinoma. 17th World Congress of the International Federation of Obstetricians and Gynecologists
- 5.** Which risk of Malignancy Index is better for differentiation adnexal masses: A Diagnostic Dilemma. The 7th Biennial Meeting of Asian Society of of
- 6.** Comparison Between IOTA Simple Rules and Risk of Malignancy Indices in Differentiating Benign and Malignant adnexal Masses – Prospective Comparative Study.

BOOK CHAPTERS:

1. A Practical Guide to 3rd Trimester of Pregnancy & Puerperium by Dr Alok Sharma.

AREAS OF CORE COMPETENCIES

1. MINIMALLY INVASIVE GYNECOLOGY – Performed more than 500 complex gynecological procedures (Cystectomies, Simple TLH, Complicated TLH involving big uteri, endometriosis, Myomectomies, Pelvic Lymph Node Dissection, Radical Hysterectomy, Isthmocele repair etc)
2. GYNECOLOGICAL ONCOLOGY