

Clinical Research Projects
THESIS FOR M.Ch.

S.N.	Topic	M.Ch. Students	Chief Guide
First Batch passed in 2008			
1.	Role of Dutasteride in reducing microvessel density and bleeding complication of TURP	Dr. Manish Ahuja	Prof. D. Dalela
2.	A clinical audit of technique and outcome of buccal mucosal graft urethroplasty	Dr. Rahul Janak Sinha	Prof. S. N. Sankhwar
Second Batch passed in 2009			
3.	Evaluation of clinical, sonographic, uroflowmetric parameters and serum prostate specific antigen as non invasive alternatives to pressure flow studies in the diagnosis of bladder outlet obstruction in patients with clinical BPH	Dr Pawan Vasudeva	Prof. D. Dalela
4.	Role of Newer Urinary Biomarkers in Transitional Cell Carcinoma of the Urinary Bladder	Dr. Dharamveer	Prof. S. N. Sankhwar
Third Batch passed in 2010			
5.	Evaluation of causes of obstructive LUTS (Lower Urinary Tract symptoms) in young adults: 15-40 yrs of age	Dr. Ankush Gupta	Prof. S. N. Sankhwar
6.	A randomized controlled study of dorsal onlay Buccal mucosa verses penile skin flap urethroplasty for anterior urethral structures.	Dr. Abhishek Jain	Dr. Apul Goel
Forth Batch passed in 2011			
7.	The influence of access on the efficacy & complications in PCNL for renal calculi with special reference to use of 3-D renal angiopyelography in select cases	Dr. Vengetesh K. S.	Prof S. N. Sankhwar
8.	A Prospective study to evaluate relationship between lower urinary tract symptoms and erectile dysfunction	Dr. Nisar Ahmed	Dr. Apul Goel
Fifth Batch passed in 2012			
9.	Evaluation of different modalities of treatment for penile and parurethral stricture	Dr. Manoj Kumar	Prof S. N. Sankhwar
10.	Prognostic significance and histopathological correlation of hydronephrosis in carcinoma bladder	Dr. Amod Dwivedi	Dr. Apul Goel
Sixth Batch passed in 2013			
11.	Quality of life assessment after Radical Cystectomy with various diversions	Dr. Rahul Yadav	Prof. Vishwajeet Singh
12.	Quantitative and qualitative analysis of urinary lipids in patients with chyluria and its relation to clinical outcome	Dr. Neeraj Kumar Goyal	Prof. Apul Goel
13.	Functional and urodynamics assessment of orthotopicneobladder after Radical cystectomy	Dr. Swarnendu Mandal	Prof. Vishwajeet Singh
14.	Uroflometry nomograms in healthy Indian children aged 5-15 years	Dr. Dheeraj Kumar Gupta	Prof. S. N. Sankhwar
15.	Risk factors and outcome of renal failure in patients undergoing TURP	Dr. Deepak S. Nagathan	Prof. Apul Goel
16.	Correlation of lower urinary tract symptoms (LUTS) with erectile dysfunction: impact of LUTS management of erectile function	Dr. Rohit Kathpalia	Dr. S. N. Sankhwar
Seventh Batch passed in 2014			
17.	Evaluation of lower urinary tract dysfunction in patients with urogenital fistulae	Dr. Patil Sachin Bharat	Prof. S. N. Sankhwar
18.	To investigate the association between serum sex hormone levels and lower urinary tract symptoms in men aged 40-79 years	Dr. Arvind Kumar	Prof. Apul Goel
19.	Prospective randomized comparison of retroperitoneoscopic versus open pyeloplasty with mini-incision: subjective and objective assessment	Dr. Manish Garg	Prof. Vishwajeet Singh
20.	Patient reported voiding and sexual outcome after urethroplasty for anterior urethral stricture	Dr. Jai Prakash	Prof. S. N. Sankhwar
21.	Correlation of Serum C- reactive protein level, prostatic inflammation on histological section and prostate size in patients of BPH	Dr. Amit Kumar	Prof. Apul Goel
22.	Quality of life following successful repair of vesico-vaginal fistula-A single centre study from Northern India	Dr. Sagorika Paul	Prof. Vishwajeet Singh
Eighth Batch passed in 2015			
23.	Factors predicting complications in percutaneous nephrolithotomy with special emphasis on hydropneumothorax.	Dr. Kuldeep Sharma	Prof. S. N. Sankhwar
24.	A comparison of intercostal nerve block with bupivacaine after PCNL and peritubal tract infiltration with bupivacaine after PCNL with no intervention group (Standard PCNL)	Dr. Saurabh Gupta	Prof. Apul Goel
25.	A prospective Randomized Control Study of TURP V/S KTP Laser Photo-selective Vaporisation of prostate in treatment of BPH	Dr. Srinivas A K	Prof. Vishwajeet Singh
26.	Correlation of lower urinary tract symptoms (LUTS) with erectile dysfunction: impact of LUTS management on erectile function	Dr. Pradeep Sharma	Prof. S. N. Sankhwar
27.	Quantitative & Qualitative analysis of urinary lipids in patients with chyluria and its relation to clinical outcome.	Dr. Yogesh Garg	Prof. Apul Goel
28.	Randomized prospective study comparing HoLEP versus TURP	Dr. Ved Prakash	Prof. Vishwajeet Singh
Ninth Batch passed in 2016			
29.	Quality of life assessment in patients of urethral stricture on CIC – A single centre study	Dr. AnkurJhanwar	Prof. S. N. Sankhwar
30.	Predutors of pyonephrosis in patient of renal calculus/PUJO: A comparative study	Dr. Madhusudan Patodia	Prof. Apul Goel
31.	Experience of tertiary care centre in repairing vesico vaginal fistula/urethrovaginal fistula with / without interposition flap – A prospective randomized study	Dr. Ankur Bansal	Prof. Vishwajeet Singh
32.	A prospective study on clinical and pathological outcome of onlayurethroplasty using various graft material in anterior urethral stricture	Dr. Gaurav Prakash	Dr. B.P. Singh
33.	Patient reported voiding, quality of life & sexual outcomes after urethroplasty for anterior urethral stricture	Dr. Siddharth Singh	Prof. S. N. Sankhwar
34.	Uroflowmetry in different voiding positions: A prospective study	Dr. Gautam Kumar Kanodia	Prof. Apul Goel
Tenth Batch passed in 2017			
35.	Protcomic Vs Cystoscopy for diagnosis & follow up for carcinoma bladder	Dr. Ashok Kumar Gupta	Prof. S. N. Sankhwar
36.	Evaluation of renal function after instillation therapy in chyluria using renal scan	Dr. Bimalesh Purkait	Prof. Apul Goel
37.	Retrospective and prospective analysis of end to end anastomotic urethroplasty in PFUDD	Dr. Durgesh Kumar Saini	Prof. Vishwajeet Singh
38.	Importance of bone metabolism in renal lithiasis: Impact of renal calcium lithiasis on renal and bone calcium handling	Dr. Kawaljit Singh	Prof. B.P. Singh
39.	A prospective study of carcinoma prostatic cases at our institute with special emphasis on their bone health	Dr. Ved Bhaskar	Dr. R. J. Sinha
40.	A prospective study evaluate sexual dysfunction enlargement of seminal vesicles in sexually active male treated for Benign prostatic hyperplasia by silodosine versus tamsulosin versus alfuzosine	Dr. Ashok Kumar Sokhal	Prof. S. N. Sankhwar
Eleventh Batch passed in 2018			
41.	Functional Outcomes Of Percutaneous Nephrolithotomy For Bilateral Renal Calculus In Patients With Chronic Kidney Disease	Dr. Rohan Patel	Prof. S. N. Sankhwar

42.	A Prospective Study To Assess The Impact Of Anterior Urethral Stricture On The Urethral Length	Dr. Ruchir Aeron	Prof. Apul Goel
43.	Prospective Study Of Management And Outcomes Of Metastatic Renal Tumors	Dr. Manav Agrawal	Prof. Vishwajeet Singh
44.	Laparoscopic Urological Procedures "Case Load And Outcome Analysis At A Tertiary Care Centre"	Dr. Vikas Kumar	Prof. B.P. Singh
45.	Prospective Study Of Outcomes Following Neo-Adjuvant Chemotherapy (Gemcitabine + Cisplatin) In Patients Of Muscle Invasive Urinary Bladder Cancer	Dr. Sunny Goel	Dr. R. J. Sinha
46.	Evaluation of Renal Function Pre and Post Percutaneous Nephrolithotomy in Renal Stone patients using ^{99m} Tc EC Scan	Dr. Ram Niwas	Prof. S. N. Sankhwar
Twelfth Batch passed in 2019			
47.	Evaluation of resistive index of prostate & bladder sonomorphologic parameters as a replacement of urodynamics to predict BOO in patients with LUTS suggestive of BPO	Dr. Gaurav Garg	Prof. S. N. Sankhwar
48.	A randomized study to compare the effect of α -blocker v/s Tadalafil 5mg on prostatic blood flow and IPSS in men with Benign Prostatic Hyperplasia	Dr. Deepanshu Sharma	Prof. Apul Goel
49.	Prospective study to compare quality of life & sexual function between ileal neobladder & sigmoid neobladder after nerve sparing radical cystectomy.	Dr. Ajay Aggarwal	Prof. Vishwajeet Singh
50.	Co-relation b/w bone mineral density & glomerular filtration rate in chronic kidney disease patients with obstructive uropathy	Dr. Samarth Agarwal	Prof. B.P. Singh
51.	A prospective study to evaluate bone health, FRAX score and quality of life in patients of carcinoma prostate	Dr. Ashish Sharma	Dr. R. J. Sinha
52.	Prospective analysis of the functional effects of urethroplasty for urethral stricture disease on ejaculatory function	Dr. Siddharth Pandey	Prof. Apul Goel
Thirteenth Batch passed in 2020			
53.	TRUS elastography in detection of prostate cancer in patients with raised PSA and/or Abnormal DRE – A diagnostic study	Dr. Dharamprakash N.K.	Prof. S. N. Sankhwar
54.	A prospective analysis of prevalence of low s. testosterone in men with stricture urethra and its effects on surgical outcome	Dr. Kaushal Kumar Gupta	Prof. Apul Goel
55.	Preoperative and postoperative urodynamic studies in patients with vesicovaginal fistulas	Dr. Saqib Mehdi	Prof. S. N. Sankhwar
56.	To assess outcome and feasibility of bladder preservation therapy in muscle invasive bladder carcinoma in Indian patients	Dr. Kanishka Kumar	Prof. B.P. Singh
57.	A prospective and retrospective analysis of voiding dysfunction, sexual dysfunction and quality of life following successful VVF repair	Dr. Biswanu Sundar Biswal	Prof. Apul Goel
58.	Assessment of the role of abiraterone and bicalutamide as first line therapy in hormone naïve metastatic carcinoma prostate: a prospective observational study	Dr. Amit Kumar Kundu	Prof. B.P. Singh
Fourteenth Batch passed in 2021			
59.	A Prospective observational study of outcomes of various treatment modalities for chyluria and their correlation with urinary triglyceride levels	Dr. Akash Bansal	Prof. S. N. Sankhwar
60.	A combined retrospective-prospective cohort study for efficacy of internal urethrotomy followed by clean intermittent catheterization with and without clobetasol ointment in management of stricture urethra	Dr. Mukesh Kumar	Prof. Apul Goel
61.	Metastatic Renal Cell Carcinoma: Retrospective and Prospective Experience of Tertiary Care Centre	Dr. Sanjeev Kumar	Prof. Vishwajeet Singh
62.	Effect of Beta-3 Agonist (Mirabegron) and Alpha Blocker (Tamsulosin) on treatment of urethral stent related symptoms: A Randomized Controlled Trial	Dr. Pavan Kumar S.K	Prof. B.P. Singh
63.	Nocturia in men aged above 50 years with LUTS/BPH: Prevalence, its predictive factors and association with nocturnal polyuria and comparative analysis of outcome after tamsulosin or silodosin therapy by doing an open label randomized controlled study	Dr. Gyanendra Sing	Prof. Apul Goel
64.	Voiding dysfunction after vesicovaginal fistula repair: Prevalence, Predictive Factors and Comparative Analysis of functional outcomes between laparoscopic, open transabdominal and transvaginal repair	Dr. Mayank Jain	Prof. Manoj Kumar
Fifteenth Batch passed in 2022			
65.	A prospective study of Ca prostate with development of a lookup table for the prediction of metastatic prostate cancer according to prostatic-specific antigen value, clinical tumor stage, and gleason grade groups	Dr. Sashiraj Singh	Prof. S. N. Sankhwar
66.	To study prognostic implications of plasma fibrinogen, D-dimer and various epithelial-to mesenchymal transition markers in patients with non-muscle invasive bladder cancer	Dr. Sahil Singla	Prof. Apul Goel
67.	Demographic profile & different treatment outcome of urothelial carcinoma at a tertiary care centre in Northern India: A retrospective and prospective study	Dr. Ravi Prakash Mishra	Prof. Vishwajeet Singh
68.	To assess impact of COVID-19 pandemic on urological services, practice and training	Dr. Manish Kumar Agarwal	Prof. B.P. Singh
69.	Prospective study to define success and optimum follow up after urethral reconstruction by open surgical techniques in urethral stricture disease	Dr. Ravi Lohani	Prof. S. N. Sankhwar
70.	Prone vs supine position percutaneous nephrolithotomy- A prospective comparative study	Dr. Sahil Kapoor	Prof. Manoj Kumar
Sixteenth Batch Passed in 2023			
71.	A prospective study of grading the complexity of PCNL procedure using "Guy's Stone Score"	Dr. Ankush Sadotra	Prof. S. N. Sankhwar
72.	Growth of Urology in India Vs compared to other surgical branches	Dr. Sandeep Kumar Patel	Prof. Apul Goel
73.	To study the complications of percutaneous nephrolithotomy	Dr. Udhham Singh	Prof. Vishwajeet Singh
74.	Assessment of quality of urological care and services in a tertiary care centre	Dr. Jayant Maurya	Prof. B.P. Singh
75.	Laparoscopic Renal Surgery: Outcome analysis at a tertiary care centre	Dr. Nitish Dev	Prof Manoj Kumar
76.	Complications associated with ureterorenoscopy (URS) related to treatment of urolithiasis: A Prospective Study	Dr. Jigardeep	Prof. Vishwajeet Singh