

Urology

FACULTY

Dr Dilip Kumar Pal	MCh (Urology)	Professor and Head
Dr. Bastab Ghosh	MCh (Urology)	Assistant Professor
Dr. Sunirmal Choudhary (On detailment)	MCh (Urology)	Assistant Professor
Dr. Sandeep Gupta	MCh (Urology)	Assistant Professor
Dr Soumya Mondal (On detailment)	MCh (Urology)	Assistant Professor
Dr. Kumar Rajeev Ranjan	MS (General Surgery)	RMO cum Clinical Tutor

Postdoctoral (MCh) trainees

2014-2017	2015-2018	2016-2019
Dr. Sayak Roy	Dr. Sajad Ahmed Para	Dr. Naveen Kumar Gupta
Dr. Vipin Chandra	Dr. Pritesh Jain	Dr. Kunal Kpoor
Dr. Kartik Sridhar	Dr. Arun Kumar Maurya	Dr. Sandip Pramanik
Dr. Dipak Bera	Dr. Susanta Kumar Das	Dr. Debasis Samaddar
Dr. Surajit Sasmal		

Workshops conducted by the department

- RIRS Workshop organized on dated 05/05/16 (Invited faculty- Dr. Harbans Singh, New Delhi.).

Departmental achievements, workshops and conferences attended

- Prof. Dilip Kumar Pal selected for Urology Trust of Odisha Oration.
- Dr Bastab Ghosh selected for Siliguri Travel Fellowship.
- Dr Sandeep Gupta conducted Uro- Quiz as quiz master in East zone USICON 2016 in Imphal.
- Dr Sandeep Gupta selected as scholar in the Robotic Surgeon Council Program conducted by 'Vatikutti foundation' in Kokila Ben Hospital, Mumbai.
- Dr Deepak Bera received best Podium award in East zone USICON 2015 in Boudh Gaya.
- Dr Sayak Roy got 1st prize in Uro- quiz in "Master Class in PCNL" conducted by BUS.
- Dr Sayak Roy got 1st prize in paper presentation (competitive session) IPGMER, Annual Day function 2016.
- Dr Vipin Chandra got 1st prize in paper presentation (competitive session) IPGMER, Annual Day function 2016.
- Dr Pritesh Jain was awarded the Best essay prize in East zone USICON 2016 in Imphal.
- Dr Arun Kr Maurya selected for first prize in Uro Quiz, East zone USICON 2016 in Imphal.
- Dr Deepak Bera attended 3rd Golden Bridge International Urology Conference, Kunming, China.
- Dr. Deepak Bera & Dr. Vipin Chandra attended Uromet Program at Gurgaon.
- Dr Sayak Roy & Dr Surojit Sasmal attended workshop in Laparoscopic Urologic procedure (Johnsons & Johnsons) at MPUH, Nadia.
- USICON 2016 (Hyderabad) - Attended by all faculty members & all 3rd Yr PDTs. Prof. Dilip Kumar Pal was the chairperson for the podium presentation.
- East zone USICON (Imphal)-Attended by Prof. Dilip Kumar Pal, Dr Sandeep Gupta & all 2nd Yr PDTs. Prof. Dilip Kumar pal was the chairperson for guest lecture

PROJECTS AND RESEARCH ACTIVITIES

Major research projects being conducted under the supervision of Prof. D. K. Pal

Title of Project	Funding Agency	Duration From To	Status Ongoing/Completed
Functional interplay of different mutations/polymorphs of CLDN 14, MGP and SPP1 in the development of kidney stone disease.	Applied for fund to ICMR	Mar 13- Jul 16	Ongoing
Identification of susceptible genes in arsenic induced bladder cancer in West Bengal, India	Dept. of Biotechnology, Govt. of West Bengal	May 13- Oct16	Project No- BT(Estt)RD-13/2013
Identification of candidate gene associated with	Dept. of Health		Submission ID-2016-

high risk HPV infected prostate cancer of Indian patients	Research, Govt. of India		0734 Accepted via mail dated 23.08.16
Altered Genetic Spectrum and Functionality of Calcium Homostasis and Calcification Regulating Genes Mediated Kidney stone Formation	Dept of Biotechnology, Govt. of India		Applied for approval

Clinical trials

- Title : A phase III, randomized 3 – arm parallel group, double blind, non-inferiority, Active controlled Multicenter study to evaluate and compare the efficacy and safety of Mirabegron 25 mg ER tablet and 50 mg ER tablet in patients with overactive bladder.(CTRI No: CTRI/2016/04/006790) (Completed)
- Title: Evaluation of BIP Foley catheter in the prevention of catheter – associated urinary tract infection in Indian population. (CTRI No: CTRI/2015/09/006220) (ongoing)

Thesis Topics

2014-2017	2015-2018	2016-2019
Dr. Sayak Roy: Effect of donor age on renal graft function after renal transplantation	Dr. Sajad Ahmed Para: A study of genetic tumor markers for carcinoma urinary bladder	Dr Kunal Kapoor: Liquid based cytology and immunohistochemical detection of MCM2 protein as potential marker in bladder cancer. Single center prospective observational Study
Dr. Vipin Chandra: An attempt to evaluate role of human papilloma virus infection in the development of prostate cancer in eastern Indian population: A prospective study	Dr. Pritesh Jain- To determine the relationship between HPV and chronic prostatitis- A prospective study	Bebasis Samaddar: Evaluation of change of renal function in affected Kidney in Post PCNL patient with Unilateral renal lithiasis using 24 Hrs urinary creatinine clearance and DTPA Scan.
Dr. Kartik Sridhar: Urolithiasis related renal failure :Outcome following surgery and factors affecting the outcome	Dr. Arun Kumar Maurya: Immunohistochemical analysis of VHL and LIMD 1 at different stages of renal cell carcinoma : Clinopathological correlation	Dr. Sandip Pramanik: Study on Role of CD44 and EGFR In Development of Renal Cell Carcinoma.
Dr. Dipak Bera : Role of arsenic in the development of urinary bladder carcinoma in eastern Indian population: A prospective study	Dr. Susanta Kumar Das: Optical internal urethrotomy under spinal anaesthesia versus Local anaesthesia :Outcome comparison	Dr Naveen Kumar Gupta: Comparisons of monthly maintenance protocol of intravesical BCG Vs standard SWOG maintenance protocol (LAMM) in Non-Muscle invasive Bladder Carcinoma (NMIBC)
Dr. Surajit Sasmal: Clinical profile and outcome of patients presenting with obstructive uropathy in a tertiary care centre		

Publications (From Nov 2015 to Nov 2016)

- Dipak Kumar Bera, Dilip Kumar Pal, Manju Banerjee. Unusual foreign body in urinary bladder: Report of a case with review of literature. Scholars journal of Medical Case Reports 2015; 3(12): 1165-1166.
- Surajit sasmal, Dilip Kumar Pal, Manju Banerjee. Paddy Grain in Urinary Bladder- a rare Entity. Scholars Journal of Medical case Reports 2016: 4(1):1-3
- Rajendra Prasad Ray, Anup Kumar Kundu, Dilip Kumar Pal. A prospective analytical study of pain control during transrectal ultrasound guided prostate biopsy combined periprostatic nerve block with intrarectal nerve with intrarectal lignocaine gel vs. intrarectal lignocaine gel. Scholars Journal of Applied Medical Sciences 2016: 4 (2A): 295-298.
- Gargi Mukharjee, Suchandra Roy, Dilip Kumar Pal, Sumit Mitra, Manoj Kumar Chowdhury, Moumita Sengupta. Incidence of renal cell carcinoma among patients with kidney tumours with reference to expression of CK7 and Vimentin. Scholars Journal of Applied Medical sciences 2016: 4(3A); 669-673.

5. Dipak Gupta, Bastab Ghosh, Malay Kumar Bera, Dilip Kumar Pal. A comparative study of lingual mucosal graft urethroplasty with buccal mucosal graft urethroplasty in urethral stricture disease. *Urology Annals* 2016; 8; 157-62.
6. Debiprasad Das, Dilip Kumar Pal. Co-existing melakoplakia and xanthogranulomatous pyelonephritis of kidney: two different spectrum of the same disease process. *Urology Annals* 2016;8 ;252-4.
7. Sandeep Gupta, Dipak Kumar Bera, Varun Wats, Dilip Kumar Pal. Acquired giant urethral diverticulum following hypospadias repair: a case report. *Scholars Journal of Case Reports* 2016: 4(3); 141-143.
8. Dilip Kumar Pal, Vipin Chandra, Manju Banerjee. Renal Agenesis with Full length luxing ipsilateral Refluxing Ureter. *APSP Journal of Case reports* 2016: 7(2):11-12.
9. Rajendra Prasad Ray, Rajkumar Singha Mahapatra, Sidharth Khullar, Dilip Kumar Pal, Aurb Kumar Kundu . Clinical characteristics of renal cell carcinoma: Five years review from a tertiary hospital in Eastern India. *Indian J cancer* 2016; 53: 114-17.
10. Dilip Kumar Pal, Vipin Chandra. Electric wire in urinary bladder in an adolescent boy. *International Journal of Adolescent Medicine and Health* 2016 DOI 10.1515/ijams-2016-0013.
11. Dilip Kumar pal, sanjay kumar, Krishnendu Maity, Debasis Chakraborty, Manju banerjee. Mature teratoma of the adrenal gland. *Scholars Journal of Medical case reports* 2016: 4(4); 231-234.
12. Devi Prasad Das, Dilip kumar Pal , Double J Stent: A rewarding option in the management of emphysematous pyelonephritis. *Urol Ann* 2016; 8 :261-64. DOI: 10.4103/0974-7796.184881
13. Vijay Kumar Madduri, Malay Kumar Bera, Dilip Kumar Pal. Monopolar versus bipolar transurethral resection of prostate for benign prostatic hyperplasia: Operative outcomes and surgeon preferences, a real-world scenario. *Urol Ann* 2016; 8 : 291-96. DOI: 10.4103/0974-7796.184900
14. Dipak Kumar Biswal, Bastab Ghosh, Malay Kumar Bera, Dilip Kumar Pal. A randomized clinical trial comparing intracorporeal spongiosum block versus intraurethral lignocaine in visual internal urethrotomy for short segment anterior urethral strictures. *Urol Ann* 2016; 8 : 317-24. DOI: 10.4103/0974-7796.184901
15. Bastab Ghosh, Deepak k Biswal, Malay K Bera, Dilip K Pal. Laparoscopic Vesicovaginal fistula repair with limited cystostomy: A rewarding treatment option. *The Journal of Obstetrics and Gynecology of India*. Published online on 8th August, 2015. DOI 10.1007/s13224-015-0741-6, (September-October 2016) 66(S1):S370-S376
16. Sajad Ahmed Para, Dilip Kumar Pal. Spontaneous Massive Hemoperitonium secondary to bleeding of a Hepatic Metastasis from a Testicular Germ Cell Tumour- An Unusual Presentation. *Scholars Journal of Medical Case reports* 2016; 4(6): 401-403. DOI: 10.21276/sjmcr.2016.4.6.12
17. Pritesh Jain, Dipak Kumar Bera, Dilip Kumar Pal. Giant Fossa Navicularis Calculus with Urethro-Cutaneous Fistula and Renal Failure. *Scholars Journal of Medical Case Reports* 2016; 4(6): 462-463. DOI: 10.21276/sjmcr.2016.4.6.31
18. Varun Wats, Malay Kumar Bera, Dilip Kumar Pal. Role of Selective Double-J Stenting in Renal Transplantation. *Scholars Journal of Applied Medical Sciences* 2016;4(6E): 2187-2191. DOI: 10.21276/sjams.2016.4.6.65
19. Jitendra Pratap Singh, Vinod Priyadarshi, Dilip Kumar pal. A clinic-epidemiological study of young age bladder tumours: an Eastern Indian study. *J Can Res Ther* 2016;m 1292): 751-754. DOI:10.4103/0973-1482.154028
20. Dilip Kumar Pal, Partoho Pratim Mondal, Anup Kumar Kundu. Cutaneous metastasis of renal cell carcinoma after a decade of radical nephrectomy. *Scholars Journal of Medical Case Reports* 2016: 4(7): 545-547. DOI: 10.21276/sjmcr.2016.4.7.26
21. Sanjay Kumar, Sohinee Barman, Amlan Ghosh, Chinmoy Panda, Dilip Kumar Pal. Bladder Carcinoma in arsenic affected districts of West Bengal. *ARC Journal of urology* 2016; 1(3): 18-21. DOI: <http://dx.doi.org/10.20431/2456-060X.0103003>
22. Dilip Kumar Pal, Pritesh Jain, Manju Banerjee. Bilateral Pelvic kidneys: A rare anomaly. *Journal of Case Reports* 2016: 6(3): 411-414.
23. Sandeep Gupta, Arun Kumar Maurya, Kumar Rajiv Ranjan, Dilip Kumar Pal. Denys Drash Syndrome- A rare Presentation. *Journal of Medical case Reports* 2016;;6 ;432.434. DOI: <http://dx.doi.org/10.17659/01.2016.0105>
24. Debojit Gogoi, Dilip Kumar Pal, Malay Kumar Bera. Systemic Immunologic and Inflammatory response after Transperitoneal versus Retroperitoneal Laparoscopic Donal Nephrectomy: A Prospective Observational Study. *Saudi J Kidney Dis Transpl* 2016; 27(5): 985-991.
25. Vipin Chandra. Dilip Kumar Pal. Electric wire in urinary bladder. *International Journal of Adolescent Medicine and Health*. DOI: 10.1515/ijamh-2016-0013.
26. Sandeep Gupta, Pritesh Jain, Dilip Kumar Pal, Manju Banerjee. An unusually long electric wire in a urethra and bladder. *International Journal of Adolescent Medicine and health*. DIO: 10.1515/ijamh-2016-0071.

- 27.. sandeep Gupta, Pritesh Jain, Vipin Chandra, Dilip Kumar Pal. Medullary sponge kidney with incomplete renal tubular acidosis: A poorly understood disease. Journal of Case reports 2016;6 (3):459462 DOI: <http://dx.doi.org/10.17659/10.2016.0111>
28. Sunirmal Chowdhury, Dilip Kumar pal. Listening to music from the urinary bladder! Case report of a headset in a urinary bladder. Int J Adolesc Med Health 2016;app DOI: 10.1515/ijanh-2016-0058
29. Dilip Kumar Pal, Vipin Chandra, Kumar Rajiv Ranjan, Debasis Chakraborty, Manju Banerjee. Ewing's Sarcoma of the Adrenal Gland. APSP J J Case Rep 2016;7(3) :20-21. DOI: <http://dx.doi.org/10.21699/ajcr.v7i13.406>
30. Soumya Mondal, Anindya Bandyopadhyay, Murari Mohan Mondal, Dilip Kumar Pal; Erectile dysfunction in anterior urethral stricture after urethriplasty with reference to vascular parameters, Medical Journal of Armed Force India 2016;72 344 – 349
31. Dilip Kumar Pal, Vipin Chandra. Adrenal tumor: Five years audit in a tertiary care hospital. Scholars Journal of applied Medical sciences 20`6; 4(10C): 3782-3786
32. Bastab Ghosh, Surajit Sasmol, Manju Banerjee, Dilip Kumar Pal. Factors affecting renal recoverability after percutaneous nephrostomy in obstructive uropathy. Scholars Journal of Applied Medical Sciences 2016;4(9E0):3497-3502.

Papers accepted

33. Pal DK, Ghosh B, Sarkhel S. Vesico-acetabular-Cutaneous Fistula. El Medfinco medical journal, (Ref No- MS-294) Accepted 28.04.2015. Reminder sent on 19.07.16
34. Dilip Kumar Pal, Sajad Ahmed Para. Candle Stick in Urinary Bladder-A rare entity. Clinical Urology(Remedy open Access)send on 31.05.16. Accepted on 27th June 2016
35. Debasmitta, Dilip Kumar Pal. Urological disorders in pregnancy: an overall experiences. Urology annals, (Ref N0-UA_54_16 Accepted on 19.07.16.
36. Bastab Ghosh, Varun Wats, Dilip Kumar Pal. Comperative analysis of outcome between laparoscopic verses open surgical repair for vesico vaginal fistula. Obstetrics and Gynecology sciences (Manuscript ID –OGS-16-051) Accepted on 26.07.2016
37. Vinod Priyadarshi, Jitendra Pratap Singh, Dilip Kumar Pal, Malay Kumar Bera, Anurag Puri. Migrated intravesical foreign bodies: a five year review. Medical & Surgical Urology MS No. Medical Journals-16-730R1. Accepted on 3 August 2016.
- 38.. Sunirmal Chowdhury, Susanta Kumar Das, Dilip Kumar Pal. Acute leukemia masquerading as xanthogranulomatous pyelonephritis. Urology Annals(Manuscript No- UA_132_16)
39. Kunal Kapoor, Munmun Das(Sarkar), Dilip Kumar Pal. Partial androgen insensitivity syndrome-A rare disease. Scholars Journal of Medical Case Reports. SJMCR-316-2016. Accepted on 01.11.16
40. Sandeep Gupta, Vipin Chandra, Dilip Kumar Pal. Functional and clinical outcome of pyeloplasty in uretero-pelvic junction obstruction. International Journal of Medical and Applied Research. Accepted on 22.11.16.

PAPERS PRESENTED IN CONFERENCES - 2016

1. Study of arsenic associated bladder Cancer in West Bengal. Kumar Sanjay, Ghosh Amlan, Panda Chinmay Kumar, Pal Dilip Kumar. 49th Annual Conference of USI, January 7-10, Hyderabad.
2. A comparative study of monopolar and bipolar transurethral resection of Prostate for benign prostatic hyperplasia. Madduri V K S, Sandeep G, Bera M K, Pal D K. 49th Annual Conference of USI, January 7-10, Hyderabad.
3. A prospective observational study - assessment and categorization of Urological operative complication as per clavien-dindo classification in our institute. Das Debiprasad, Ghosh Bastab, Chowdhury Sunirmal, Pal Dilip Kumar. 49th Annual Conference of USI, January 7-10, Hyderabad.
4. comparative study between intracorpous spongiosum block versus Intraurethral lignocaine in optical internal urethrotomy for short segment anterior urethral strictures. Biswal Deepak Kumar, Ghosh Bastab, Choudhury Sunirmal, Bera Malay Kumar. 49th Annual Conference of USI, January 7-10, Hyderabad.
5. Stented versus nonstented extravesical ureteroneocystostomy in ranal Transplantation. Wats V, Ghosh B, Bera MK, Pal DK , 49th Annual Conference of USI, January 7-10, Hyderabad
6. Erectile Dysfunction in patients undergoing urethroplasty: A pre and post- operative assessment. Mondal Soumya, Bandyapadhyay Anindya, Pal Dilip Kumar. 49th Annual Conference of USI, January 7-10, Hyderabad.
7. Feasibility of laparoscopic partial nephrectomy without intraoperative Ultrasound guidance. Ghosh B, Madduri V K S, Pal DK. 49th Annual Conference of USI, January 7-10, Hyderabad.

8. Renal cell carcinoma: is it so uncommon in younger age. Arun Kumar Mourya, Dilip Kumar pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
9. A study of lower urinary tract symptoms in post menopausal female patients with special emphasis of urodynamic study. Susanta Kumar das, Sunirmal Choudhury, dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
10. laparoscopic management of mid and lower ureteric strictures-experience at our centre. Pritesh Jain, Bastab Ghosh, Dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
11. Urological complications associated with obstetrics and gynecological surgeries. Pritesh Jain, sandeep Gupta, dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
12. Management of retrocaval ureter by laparoscopic and open surgical techniques. Sajad ahmed Para, Bastab Ghosh, Dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
13. Long term indwelling DJ stent and their management- our experience. Arun Kumar Mourya, Sandeep Gupta, dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
14. Vesico Acetabular Cutaneous fistula. Susanta Kumar Das, Dilip Kumar Pal, Bastab Ghosh, S Sarkhel. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.
15. Laparoscopic uterus preserving repair for vesicouterine fistula. Sajad ahmed Para, Bastab Ghosh, dilip Kumar Pal. 26th annual conference of the Urological society of India(East Zone), 21-24October, Imphal.

REGULAR ACADEMIC ACTIVITIES –Morning (9 am to 10 am)

- Tuesday – Journal club
- Thursday – Case presentation
- Saturday – Seminar

SERVICE INFORMATION

OPD ATTENDENCE (01/12/15-30/11/2016)

Total	New	Old
40,123	17,610	22,510

Bed Distribution

Male	Female	Child	Woodburn Block	Recovery room for renal transplant patients
24	12	4	20	2

Admissions in urology ward

	Male	Female	Woodburn Block
	806	441	9

Renal transplantation

Tuesday is the day for our renal transplantation and we perform one transplant weekly with the help of the nephrology and CTVS department

Total number of transplants done from (1/12/15-30/11/2016) 33

USG guided procedures

- TRUS guided prostate biopsy: 151
- USG guided PCN: 89

ESWL	658
Uroflowmetry	2999
Urodynamic studies	249
Major operations	1221
Minor operations	2252