

Urology

FACULTY

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

Postdoctoral (MCh) trainees

2013-2016	2014-2017	2015-2018
Dr. Deepak Biswal	Dr. Sayak Roy	Dr. Sajad Ahmed Para
Dr. Sanjay Kumar	Dr. Vipin ChanDr.a	Dr. Pritesh Jain
Dr. Varun Wats	Dr. Kartik Sridhar	Dr. Arun Kumar Maurya
Dr. Vijay Sarma Madduri	Dr. Dipak Bera	Dr. Susanta Kumar Das
Dr. Debiprasad Das	Dr. Surajit Sasmal	
Dr. Soumya Mondal		

Workshops conducted by the department

- GIZ Olympus training workshop –Transurethral electrovaporization of the prostate (Invited faculty: Dr Madhusudhan Agarwal).

Workshops and conferences attended

- USICON 2015(Ranchi ,Jharkhand)- Attended by all faculty members
- East zone USICON (Bodhgaya , Bihar)-Attended by all faulty members
 - Prof Dr. D. K. pal was the chairperson for the podium presentations

PROJECTS AND RESEARCH ACTIVITIES

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

Title of project	Funding Agency	Duration	Remarks
Mutations/polymorphisms of CaSR,VDR,CLDN-14,MGP and osteopontin genes associated with Kidney stone disease in West Bengal, India	Applied for fund to CSIR	Mar 2013-Jul 2016	Ongoing
Identification of susceptible genes in arsenic induced bladder cancer in West Bengal, India	Approved by WBDBT videletter No-445(4)/BT(Estt) RD-13/2014 dated 8/04/14	May 2013-Oct 2016	Ongoing

Thesis Topics

2013-2016	2014-2017	2015-2018
Dr. Deepak Biswal-A randomized trial comparing intraspongiosal block vs intraurethral lignocaine in VIU for short	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. Sanjay Kumar –Study of arsenic associated bladder cancer in West Bengal	Dr. Vipin ChanDr.a - 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
Dr. Varun Wats – Stented vs non stented urethronocystostomy in renal transplantation	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. Vijay Sarma SK Madduri – A prospective study of monopolar transurethral resection of prostate and bipolar transurethral resection of prostate in Normal saline for BPH	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. Debiprasad Das – Assessment and classification of postoperative complications following urological surgeries as per Clavein and Dindo classification: A prospective study	Dr. Surajit Saasmal : Clinical profile and outcome of patients presenting with obstructive uropathy in a tertiary care centre	
Dr. Somya Mondal – Erectile dysfunction among patients of urethral stricture :A pre and post-operative assessment		

Publications (From Nov 2014 to Nov 2015)

1. Vinod Priyadarshi, Hemant Kumar Goel, Malay Kumar Bera, Dilip Kumar Pal. Completely calcified non-functioning kidney. A classical image of putty kidney. BMJ Case Reports. Published online on 24th July 2014. DOI: 10.1136/bcr-2013-203030.
2. Dilip Kumar Pal. Charging of the penis: an unusual method for sexual gratification. Int J Adolesc Med Health 2014;aop DOI 10.1515/ijamh-2014-0049.
3. Dilip Kumar Pal. Prolapsing urethral rhinosporidiosis. J Trop Dis 2-14; 2(5): 151-152. DOI: 10.4172/2329-891X.1000151
4. Vinod Priyadarshi, Swetank Mishra, Malay Kumar Bera, dilip Kumar Pal. Isolated Hydatid Cyst in a Single Moiety of an incomplete Duplex Kidney. APSP J Case Rep 2015; 6(1):1-4.
5. Rajendra Prasad Ray, Rajkumar Sinhamahapatra, Partha Pratim Mondal, Dilip Kumar Pal. Long-term complications of JJ stent and its management: A 5 years review. Urology Annals 2015; 7: 41-45 DOI: 10.4103/0974-7796.148599
6. Vinod Priyadarshi, Anurag Puri, Jitendra Pratap Singh, Shwetank Mishra, Dilip Kumar pal, Anup Kumar Kundu. Meatotomy using topical anesthesia: A painless option. Urology Annals 2015; 7: 67-70. DOI: 10.4103/0974-7796.148622
7. Nipun Kumar Awasti, hemant Kumar Goel, Rajkumar singha Mahapatra, Dilip Kumar Pal. Incomplete bladder duplication with multiple congenital anomalies: A rare presentation.Urology Annals 2015; 7: 88-90. DIO: 10.4103/0974-7796.148628
8. Vinod Priyadarshi, Jitendra Pratap Singh, Malay Kumar Bera, Anup Kumar Kundu, Dilip Kumar pal. Genitourinary Fistula: an Indian Perspective. The journal of Obstetrics and gynecology of India. January 2015 DOI: 10.1007/s13224-015-0672-2
9. Rajendra Prasad Ray, Bastab Ghosh, Dilip Kumar Pal. Urethral foreign body in adolescent boy: report of two rare cases and review of literature. International Journal of Adolescent Medicine and Health 2015. DOI 10.1515/ijamh-2014-0057
10. Vinod Priyadarshi, Hemant Kumar Goel, Debasis Chakraborty, Dilip Kumar Pal. Angiosarcoma of penis: case report of an aggressive penile cancer. Urology Annals 2015;7:251-253. DOI: 10.4103/0974-7796.150497

11. Shwetank Mishra, Shankar Prasad hazra, Vinod Priyadarshi, Hemant Goel, Dilip Kumar Pal. Synchronous jejunal metastasis presenting as an intussusception in a case of advanced RCC: a rare presentation. *Indian J Surgery*, Published online: 04 December 2013; DOI 10.1007/s12262-013-1009-y.
12. RajKumar Sinhamahapatra, Vinod Priyadarshi, Nidhi Saigal, Dilip Kumar Pal. Sacral sgenesis with isolated neurogenic bladder dysfunction. *Urol Nephrol Open access*; 2015.2(2):00032
13. Anurag Puri, Dilip Kumar Pal. Congenital Megalourethra: a case report of an isolated delayed presentation. *Int J Adolesc Med Health*, 2015.
14. Dilip Kumar Pal, Sanjay Kumar, Rajendra Prasad Ray, Anurag Puri, Varun Wats. Leech out of reach: presented with haematuria and urinary retention. *Tropical Doctor* 2015; DOI: 10.1177/0049475515585640; tdo.sagepub.
15. Dilip Kumar Pal, Sayak Roy, Deepak Kumar Biswal. Genital Self-mutilation by Metallic Ring in the Penis. *Scholars Journal of Medical case Reports*, 2015; 3(5): 448-450.
16. Deepak Gupta, Vinod Priyadarshi, Nipun Awasti, Dilip Kumar Pal. Ischemic priapism due to alpha blockers- A rare case report. *International Journal of Medical Research and Pharmaceutical Sciences*. 2015; 2(4). ISSN: 2394-414.
17. Manalee Guha, Biswabandhu Bankura, Sudhakshina Ghosh, Arup Kumar Pattanayak, Saurabh Ghosh, Dilip Kumar Pal, Anurag Puri, Anup Kumar Kundu, Madhusudan Das. Polymorphisms in CaSR and CLDN 14 Genes Associated with Increased Risk of Kidney Stone Disease in patients from the Eastern part of India. *Plos One*. Doi: 10.1371/journal.pone.0130790 June 24,2015.
18. Bastab Ghosh, Vipin Chandra, Dilip Kumar Pal. Metachronous pheochromocytoma of urinary bladder and adrenal. *Scholars journal of Medical Case Reports* 2015; 3(6): 520-522 .
19. Dilip kumar Pal, Varun Wats, Rajendra Prasad Ray. Nephrogenic adenoma of urinary bladder following intravesical BCG therapy. *Scholars Journal of Medical case Report*. *Scholars journal of Medical Case Reports* 2015; 3(6): 534-536.
20. Vijay Kumar Sarma Madduri, Bastab Ghosh, Dilip Kumar Pal. Renal cell carcinoma presenting as a testicular mass. *Scholars journal of Medical Case Reports* 2015; 3(6): 560-562.
21. Dilip Kumar Pal, Rajendra Prasad Ray, Bastab Ghosh. Role of surgical intervention in genitourinary tuberculosis in the era of modern anti-tubercular chemotherapy. *Scholars Journal of Applied Medical Sciences* 2015;3(3H): 1608-1611.
22. Hemant Kumar Goel, Anup Kumar Kundu, Tapas Kumar Maji, Dilip Kumar Pal. *Saudi Journal of Kidney Diseases and Transplantation* 2015; 26(4): 747-750.
23. Jitendra Pratap Singh, Vinod Priyadarshi, Hemant Kumar Goel, Mukesh Kumar Vijay, Dilip Kumar Pal, Sudip Chakraborty, Anup Kumar Kundu. Penile lichen sclerosis: An urologist's nightmare! – A single centre experiences. *Urology Annals* 2015; 7(3): 303-308. DOI: 10.4103/0974-7798.150490
24. Soumya Mondal, Deepak Kumar Biswal, Dilip Kumar Pal. Cavernous hemangioma of glans penis. *Urology Annals* 2015; 7(3): 399-401. DOI: 10.4103/0974-7796.152037
25. Vinod Priyadarshi, Dilip Kumar Pal. Paraganglioma of urinary bladder. *Urology Annals* 2015; 7(3): 402-404. DOI: 10.4103/0974-7796.152058
26. Dilip Kumar Pal, Bastab Ghosh, Rajendra Prasad Ray. Lichen planus leading to panurethral stricture: A rare case report with review of literature. *Scholars Journal of Medical case Reports* 2015; 3(7): 577-579.
27. Soumya Mondal, Bibhas Saha Dalal, Dilip Kumar Pal. Sarcomatoid carcinoma of the urinary bladder. *Scholars Journal of Medical case Reports* 2015; 3(7): 649-651.
28. Bastab Ghosh, Deepak Kumar Biswal, Malay Kumar Bera, Dilip Kumar Pal. Laparoscopic Extravesical Lich-Gregor Ureteronecystostomy with Psoas Hitch for the management of ureterovaginal Fistula in Post-Hysterectomy Patients. *Urologica Internalis*. DOI: 10.1159/000434727. Published online August 2015.
29. RajKumar Sinhamahapatra, Anup Kumar Kundu, Dilip Kumar Pal. Penile Fracture: Our Experience in a Tertiary Care Hospital. *World J Mens Health* 2015 August 33(2): 95-102.
30. Dilip Kumar pal, Bastab Ghosh, Manju Banerjee, Soumya Mondal. Genital self-mutilation: Report of two cases with review of literature. *Scholars Journal of Medical Case Reports*. 2015; 3(8): 732-734.
31. Dilip Kumar Pal, Anurag Puri. Utility of Hounsfield density of urinary stones in predicting the stone clearance rate for ESWL therapy. *Scholars Journal of Applied Medical Sciences*. 2015; 3(5A): 1845-1847.
32. Dilip Kumar Pal, Vijay Kumar Sharma madhuri, Bastab Ghosh. Open pyeloplasty revisited in low-resources setting. *Scholars Journal of Applied Medical Sciences* 2015; 3(5A): 1858-1860.

33. Partha Pratim Mondal, Dilip Kumar Pal. Epidemiological study of urological malignancy in younger age group- An audit in a tertiary care hospital in eastern India. *Scholars Journal of Applied Medical Sciences* 2015; 3(5D): 2054-2057.
34. Dilip Kumar Pal. Villous adenoma of urinary bladder. *Journal of Cancer Research and Therapeutics* 2015; 11(3): 665-666. DOI: 10.4103/0973-1482.144360
35. Vinod Priyadarshi, Deepak Gupta, Dilip Kumar Pal. Lower genitourinary tract trauma caused by cow horn injury. *Journal of Obstetrics & Gynecology of India* 09/2015. DOI: 10/1007/s13224-015-0784-z.
36. Debiprasad Das, Dilip Kumar Pal. Case report of penile fracture associated with urethral injury. *Scholars journal of Medical case Reports* 2015; 3(10A):988-999.
38. Dilip Kumar Pal, Surajit sasmal, Manju Banerjee. Urethral diverticulum due to use of penile clamp. *Scholars journal of Medical case Reports* 2015; 3(10A):1002-4.
39. Deepak Kumar Biswal, Bastab Ghosh, Dilip Kumar Pal. Multiple Urethral Polyps: an unusual presentation of Rhinosporidiosis. *Scholars Journal of Medical Case reports* 2015; 3(11): 1017-1018
40. Dilip Kumar Pal, Varun Wats, Bastab Ghosh. Urologic complications following obstetrics and gynecological injury: Our experience in a tertiary care hospital. *Urology Annals* 2015, Jan-Mar; 8(1): 26-30. DOI: 10.4130/0974-7796.158502.
41. Dilip Kumar Pal, Deepak Kumar Biswal, Bastab Ghosh. Outcome and erectile function following treatment of priapism: An institutional experience. *Urology Annals* 2015, Jan-Mar; 8(1): 46-50. DOI: 10.4130/0974-7796.165717.
42. Bastab Ghosh, Kartik Sridhar, Dilip Kumar Pal, Manju Banerjee. Ectopic ureter draining into the uterus. *Urology Annals* 2015, Jan-Mar; 8(1): 105-107. DOI: 10.4130/0974-7796.171496.

Papers in press

43. Ray Rajen P, Mahapatra rajkumar S, Khullar Siddhartha, Pal Dilip K, Kundu Anup K. Clinical characteristics of renal cell carcinoma: five years review from a tertiary hospital in eastern India. *Indian Journal of Cancer* (Manuscript No- IJC_474_13) Nov,20 accepted on 05.12.13.
44. Jitendra Pratap Singh, Vinod Priyadarshi, Dilip Kumar pal. A clinic-epidemiological study of young age bladder tumors: an Eastern Indian study. *Indian journal of Cancer research & Therapeutics.* (Manus. No- JCRT_431_14) sent on 11.06.14. Revised on 11.11.14. Re-Revised on 11.12.14 Accepted on 31.01.15. Proof checked on 22.02.15
45. Pal DK, Ghosh B, Sarkhel S. Vesico-acetabular-Cutaneous Fistula. *El Medfinco medical journal*, (Ref No- MS-294) Accepted on 28.04.2015.
46. Systemic immunologic and inflammatory response after transperitoneal and retroperitoneal laparoscopic donor Nephrectomy: a prospective observational study. Debojit Gogoi, Malay Kumar Bera, Dilip Kumar Pal. *Saudi Journal of Kidney Diseases and Transplantation.* (SJKDT-91-15). Accepted on 30.05.15
47. Bastab Ghosh, Deepak Kumar Biswal, Malay kumar Bera, Dilip Kumar pal Laparoscopic vesico-vaginal fistula repair with limited cystotomy: A rewarding treatment option. *Journal of Obstetrics and Gynecology of India.* ID: JOGI-D-15-00113R1. Accepted on 01.07.15. Proof sent on 07.07.15
48. Dipak Gupta, Bastab Ghosh, Malay Kumar Bera, Dilip Kumar Pal. A comparative study of lingual mucosal graft urethroplasty with buccal mucosal graft urothroplasty in urethral stricture disease. *Urology Annals* (UA-93-15R2) Accepted on 22.08.2015.
49. Dipak Kumar Bera, Dilip Kumar Pal, Manju Banerjee. Unusual foreign body in urinary bladder: report of a case with review of literature. *Scholar journal of Medical case reports.* Sent on 28.11.15
50. Debiprasad Das, Dilip Kumar Pal. "Co-existing malakoplakia and xanthogranulomatous pyelonephritis of kidney- two different spectrum of the same disease process?" *Urology Annals* .Accepted of 14/12/2015

PAPERS PRESENTED IN CONFERENCES -2015

1. An observational study to correlate the outcome of patients with renal stone treated with ESWL with respect to stone's Hounsfield density, skin-to-stone distance and stone composition in a tertiary hospital in eastern India. Puri A, Maity M, Ghosh B, Bera MK, Pal DK. 48th Annual conference of Urological Society of India, Ranchi, Jharkhand. 5th -8th February, 2015.

2. A prospective study comparing transperitoneal versus retroperitoneal laparoscopic donar nephrectomy. Gogoi D, Choudhury S, Ghosh B, Pal DK, Bera MK. 48th Annual conference of Urological Society of India, Ranchi, Jharkhand. 5th -8th February,2015
3. Penile fracture: An evaluation of 20 cases. Singha Mahapatra RK, Maity K, Ghosh B, Bera MK, Pal DK. 48th Annual conference of Urological Society of India, Ranchi, Jharkhand. 5th -8th February,2015
4. Renal cell carcinoma presenting as a testicular mass. Madhury VS, Maity K, Ghosh B, Bera MK, Pal DK. 48th Annual conference of Urological Society of India, Ranchi, Jharkhand. 5th -8th February, 2015
5. Epidemiological study of urological malignancy in younger age group. Mondal PP, Maity K, Ghosh B, Bera MK, Pal DK. 48th Annual conference of Urological Society of India, Ranchi, Jharkhand. 5th -8th February, 2015
6. Role of arsenic in the development of urinary bladder carcinoma in eastern Indian population Dipak Kumar Bera, Sohini Barman, Amlan Ghosh, Bastab Ghosh, Dilip Kumar Pal. 25th Annual Conference of India(East Zone), Bodhgaya 2nd-5th October, 2015.
7. Effect of donor age on renal graft function after renal transplantation. Sayak Roy, Dilip Kumar Pal, Arpita Roy Chowdhury . 25th Annual Conference of India (East Zone), Bodhgaya 2nd-5th October, 2015.
8. An attempt to evaluate role of human papilloma virus infection in the development of prostate cancer in eastern Indian population.Vipin Chandra, Amlan Ghosh, Bastab Ghosh, Dilip Kumar Pal. 25th Annual Conference of India(East Zone), Bodhgaya 2nd-5th October, 2015.
9. Rare bladder Tumors: A case series. Kartik Sridhar, Sunirmal Choudhury, Dilip Kumar Pal, Chanda Dutta. 25th Annual Conference of India (East Zone), Bodhgaya 2nd-5th October, 2015.
10. Dermoid cyst of adrenal gland. Surajit Sasmal, Sandeep Gupta, Krishnendu Maity, Dilip Kumar Pal. 25th Annual Conference of India(East Zone), Bodhgaya 2nd-5th October, 2015.
11. Laparoscopic repair of vesicovaginal fistula. Dipak Kumar Bera, Vijay Kumar Sarma Madduri, Bastab Ghosh, Dilip Kumar Pal. 25th Annual Conference of India(East Zone), Bodhgaya 2nd-5th October, 2015.

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

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

SERVICE INFORMATION

OPD ATTENDENCE (01/12/14-30/11/2015)

Total	New	Old
42,726	19881	22845

Bed Distribution

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

Admissions in the urology ward

	Total	Paying (Dec 2014- Sep 2015)	Free (Dec 2014-Sep 2015)
Male	838	372	382
Female	501	171	250
Woodburn Block	33	6	39

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 (1/12/14-30/11/2015)-39

USG guided procedures

- TRUS guided prostate biopsy: 117 Dec 2014 – Sep 2015 (Paying – 70 Free- 28)
- USG guided PCN: 58

Uroflowmetry :

3739 Dec 2014-Sep 2015 (Paying – 2663 Free – 519)

Urodynamic studies

197 Dec 2014 – Sep 2015 (Paying – 119 Free – 47)

ESWL

Total	1st Sitting	2nd, 3rd and 4th sitting
543	307	236

Major operations

Total	Paying	Free	
1196	516	680	

Minor operations

Total	Paying	Free
1731	1264	285
