

New Diagnostic Techniques

1994

1. A new method for accurate diagnosis of urethral stricture was published in British Journal of Urology by me as a point of technique: "**Percutaneous Cystoscopy Assisted Urethral Synechiotomy**"- A method to obtain an antegrade urethrogram in traumatic urethral stricture. **Brit. J. Urol.**, 1994,74:795-796. doi.org/10.1111/j.1464-410X.1994.tb07129.x <https://onlinelibrary.wiley.com/toc/1464410xa/74/6>

1995

2. I have developed an *innovative and cost effective method* for enhancing the accuracy of diagnosis of stricture. It was published as **Pneumourethrography -A cost effective method for follow up of anterior urethral strictures**. **Ind. J. Urol.**1995; 12(2):70. <http://www.indianjurol.com/showBackIssue.asp?issn=0970-1591;year=1996;volume=12;issue=2;month=January-June>

2009

3. Developed a new Radio Imaging Technique called "**3-D Synchronized Multidirectional Renal Pyelo-Angiography: A new imaging concept to facilitate PCNL in "Technically Challenging" cases**" for use in determination of most suitable and safe caliceal entry point during PCNL. This technique was presented in 42nd Annual Conference of Urological Society of India at Indore on 22nd – 25th January 2009 and was published in **J. Endourology** in 2009. DOI:10.1089/end.2009.0145 <https://www.ncbi.nlm.nih.gov/pubmed/19916751>
4. We developed a new type of contrast x-ray imaging for diagnosing urethral stricture called '**Antegrade Urethrogram**' and published this in **Indian Journal of Urology** in 2009. 1. doi: 10.4103/0970-1591.56193 <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2779975>

2013

5. The conventional VCUG often fails to diagnose proximal end of stricture in some patients of urethral stricture living on suprapubic catheter. We developed a new idea of use of **single dose silodosin** an adjunct to VCUG to get the desired image. This was published in **Urology Journal** 2013. <https://www.ncbi.nlm.nih.gov/pubmed/24595944>
6. Innovated a post card based feedback collection methodology to find out the complications/problems following No Scalpel Vasectomy. The system has been named as "**CSMMU Scoring System for Satisfaction – Severity – Symptom Analysis of post NSV Problems**". This was published in **Urology** in 2013. *This innovation has been submitted to Ministry of Health Government of India for approval and wider use.* doi: 10.5301/urologia.5000038 <https://www.ncbi.nlm.nih.gov/pubmed/24474542>
7. A new position for convenient digital rectal examination of prostate called "**Crossed Leg Lithotomy**" was developed by me and published in **J Clinical Urology** in 2013. <http://journals.sagepub.com/doi/abs/10.1016/j.bjmsu.2012.06.006?journalCode=urob>
8. We noted that degree of penile stretching has impact on length of stricture seen on RGU. We conducted a study on this and then published it in **Urologia Internationalis** in 2013.

No year

1. Evaluating the role of a new urethrogramic method called “**Double Contrast Urethrogramy (DCUG)**” for evaluation of urethral diseases. A prospective study has recently been completed and a paper on it is being submitted.