

Date: 03/29/2009

Ashok Agarwal, PhD
Director, Center for Reproductive Medicine
Glickman Urological and Kidney Institute
Cleveland Clinic
9500 Euclid Avenue
Cleveland, Ohio 44195

Dear Dr. Agarwal,

I am writing this letter to share my extraordinary experiences as a Research Fellow in your laboratory at Cleveland Clinic. I came to know about the research opportunities in Cleveland Clinic through a close friend of mine when I decided to apply to your program because it was an excellent opportunity to explore the field of research in medicine as well as to develop my understanding of both basic and clinical research. I joined the research program in July' 2004 with immense hope and aspirations and with a strong desire to learn and become proficient in the field of urologic oncology and ED. Though I was a novice to this field, thanks to the excellent mentorship, support and encouragement of Dr. Agarwal and Dr Zippe, I gradually became familiar with the intricacies of scientific research. I can easily say that this was the most important step in my development as a Surgeon Scientist. My stay at Cleveland Clinic for just one year has radically changed my entire life by allowing me to possess a most impressive resume. One of the most important and immediate reward of my training at the Clinic was my selection to a highly competitive Surgery residency at New York Medical College. I can easily boast now that there is no competition, when it comes to my lengthy resume with my fellow residents.

Your program is really unique in its ability to groom each and every researcher who joins your program by fostering an environment of scientific excellence where research leads to discoveries that contribute to evidence based medicine. I am grateful for several opportunities to interact with renowned researchers/ surgeons from across the world and to exchange thoughts and discuss the latest scientific concepts with them.

The environment at Cleveland Clinic is very conducive to learning as it allowed me to keep abreast with the latest concepts in medicine. It also helped me learn the methodical and systematic way of dealing with numerous assignments in a timely manner by developing crucial time management skills. I found that all my efforts were directed in the right direction owing to the daily and timely guidance and support of my mentors. My stay at Cleveland Clinic was highly productive in the form of numerous publications and accolades at the end of my tenure. No one can either dream or ask for more from their mentors.

I am extremely thankful to your research program for the numerous opportunities it provided to help me prepare for an academic career in medicine in this country. I would like to express my heartfelt gratitude to you for your continuous support and encouragement. I cannot find words to thank you enough for all your help and for giving me the most unique opportunity to build my career in this beautiful country. Perhaps my thoughts can be better conveyed by this quotation.

"The task of the excellent teacher is to stimulate 'apparently ordinary' people to unusual effort. The tough problem is not in identifying winners - it is in making winners out of ordinary people". Patrick K Cross

Yours sincerely,

A handwritten signature in black ink, appearing to read "Kalyana Nandipati", with a long horizontal flourish extending to the right.

Kalyana Nandipati, MD
PGY3 Resident in Surgery
New York Medical College at Brooklyn & Queens
New York

Kalyana Nandipati, MD

Research Fellow in Oncology/Urology

Cleveland Clinic

July' 2004 – August' 2005

ORIGINAL PEER-REVIEW ARTICLES

1. Kumanov, P., **Nandipati, KC.**, Tomova, A., Robeva, R. and Agarwal, A.. The significance of inhibin in reproductive pathophysiology and current clinical applications. **Rep Bio Med Online 2005**; 10(6): 786-796.
2. **Nandipati KC.**, Pasqualotto FF., Thomas Jr, AJ., and Agarwal A. Relationship of interleukin - 6 with semen characteristics and oxidative stress in vasectomy reversal patients. **Andrologia 2005**; 37(4):131-4.
3. Zippe CD, **Nandipati KC**, Raina R and Agarwal A. Female sexual dysfunction following pelvic surgery: Impact of surgical modifications. **BJU Int 2005**. Mini Review **2005**; 96(7):959-63.
4. Raina, R., **Nandipati, KC.**, Agarwal, A., Mansour, D and Zippe, CD. Combination therapy: Medicated urethral system enhances sexual satisfaction in sildenafil citrate failures following nerve-sparing radical prostatectomy. **J Androl. 2005** Nov-Dec; 26 (6):757-60.
5. Zippe CD, **Nandipati KC**, Raina R and Agarwal A. Sexual dysfunction after pelvic surgery-review. **Int J Impot Res.** 2006 Jan-Feb; 18(1):1-18.
6. Raina, R., Montague, DK., Lakin, M., **Nandipati, KC.**, Agarwal, A. and Zippe, CD. Early Vacuum Constriction device use after radical prostatectomy improves early return of spontaneous erections. **Int J Impot Res.** 2006 Jan; 18(1):77-81.
7. Agarwal, A, **Nandipati KC**, Sharma R, Zippe CD and Raina R. Role of oxidative stress in the pathophysiology of erectile dysfunction. *Journal of Andrology*. **J of Androl.** 2006 May-June; 27 (3):335-347.
8. **Nandipati, KC.**, Bhat, A. and Zippe, CD. Neurovascular preservation in female orthotopic radical cystectomy significantly improves sexual function. **Urology.** 2006 Jan; 67 (1):185-6.

9. **Nandipati KC**, Raina R, Agarwal A, and Zippe CD. Epidemiology, pathophysiology and pharmacological management of erectile dysfunction following radical prostatectomy. Review article. **Drugs & Aging**. 2006; 23 (2):101-17.
10. **Nandipati KC**, Raina R, Agarwal A and Zippe CD. Early combination therapy: intracavernosal injections and sildenafil following radical prostatectomy (rp) increases sexual activity and the return of natural erections. **Int J of Impot Res**. 2006 Sep-Oct;18(5):446-51. Epub 2006 Feb 16.
11. Bhatt A, **Nandipati KC**, Dhar B, Ulchaker J, Rackley R, Zippe CD. Neurovascular preservation in the orthotopic cystectomy: the impact on female sexual function. **Urology**. 2006 Apr; 67(4):742-5.
12. Kumanov, P., **Nandipati, KC.**, Tomova, A., Robeva, R. and Agarwal, A. Inhibin B is a better marker of spermatogenesis than other hormones in male infertility evaluation. **Fertil & Steril**. 2006 Aug; 86(2):332-8. Epub 2006 Jun 9.
13. **Nandipati, KC.**, Raina, R., Agarwal, A., Zippe, CD. Nerve-Sparing surgery significantly improves the long-term continence after radical prostatectomy. **Urology**. 2007 Dec; 70(6):1127-30.

MEETING ABSTRACTS

1. **Nandipati, KC**, Raina, R, Agarwal, A, and Zippe, CD (2005): Efficacy and treatment satisfaction of PDE-5 inhibitors in management of erectile dysfunction following radical prostatectomy: SHIM analysis. Annual Meeting of the American Society of Andrology, April 1-4, Seattle, Abstract # 181.
2. **Nandipati, KC**, Ulchaker, J, Raina, R, Agarwal, A and Zippe, CD (2005): Impact of neurovascular preservation on female sexual dysfunction following orthotopic radical cystectomy. Annual Meeting of the American Society of Andrology, April 1-4, Seattle, Abstract # 186.
3. Zippe, CD, **Nandipati, KC**, Raina, R, and Agarwal, A (2005): Continence rate following nerve sparing (NS) radical prostatectomy (RP): 5 yr. follow-up. Annual Meeting of the American Society of Andrology, April 1-4, Seattle, Abstract # 167

4. **Nandipati, KC**, Zippe, CD, Raina, R, and Agarwal, A (2005): Long-term potency following radical prostatectomy In: Annual Meeting of the American Society of Andrology, April 1-4, Seattle, Abstract # 143.
5. Raina, R, **Nandipati, KC**, Agarwal, A, and Zippe, CD (2005): The role of non-oral treatments for early penile rehabilitation after RP. In: Annual Meeting of the American Society of Andrology, April 1-4, Seattle, Abstract # 71.
6. Agarwal, A, Raina, R, **Nandipati, KC**, Subbiah, V, and Agarwal, A (2005): Worldwide potency results following radical prostatectomy. In: Annual Meeting of the American Society of Andrology, April 1-4, Seattle, Abstract # 84.
7. Agarwal, A, Raina, R, **Nandipati, KC**, Subbiah, V, and Zippe, CD (2005): Response to sildenafil citrate therapy following nerve sparing radical prostatectomy: Impact of risk factors 172. In: Annual Meeting of the American Society of Andrology, April 1-4, Seattle, Abstract # 17.
8. Raina, R, Agarwal, A, **Nandipati, KC**, Subbiah, V, and Zippe, CD (2005): Long-term efficacy of sildenafil citrate for erectile dysfunction after radical prostatectomy: 5 year follow-up. In: Annual Meeting of the American Society of Andrology, April 1-4, Seattle, Abstract # 120.
9. Raina, R, **Nandipati, KC**, Subbiah, V, Agarwal, A, Mansour, D, Zippe, CD and Perzy HB (2005): Response to sildenafil citrate therapy following nerve sparing radical prostatectomy: Impact of risk factors. Annual meeting of American College of Physicians, Dec 11-16, Poster # 220.
10. Raina, R, Agarwal, A, **Nandipati, KC** and Zippe, CD (2005): Early MUSE treatment after Radical prostatectomy increases the return of early natural erections. In: 100th American Urological Association Annual Meeting- 05 /, Abstract #05-AB-5078.
11. Raina, R, **Nandipati, KC**, Agarwal, A and Zippe, CD (2005): Five-year Efficacy of sildenafil after Radical Prostatectomy. In: 100th American Urological Association Annual Meeting-05 /, Abstract #05-AB-5072.
12. **Nandipati, KC**, Raina, R, Agarwal, A and Zippe, CD (2005): Five-year potency status after Radical prostatectomy. In: 100th American Urological Association Annual Meeting Abstract #05-AB-5086.

13. Raina, R, **Nandipati, KC**, Ashok Agarwal and Zippe, CD (2005): Changing Treatment Algorithm For Erectile Dysfunction Following Radical Prostatectomy: Viagra Era 1999 and Beyond. In: 100th American Urological Association Annual Meeting, Abstract #05-AB-5088.
14. **Nandipati, KC**, Raina, R, Bhatt, A, Agarwal, A, Phillippi, A, Ochoa, R, and Zippe, CD (2005): Early combination therapy following radical prostatectomy (RP): Intracorporal alprostadil and sildenafil promotes early return of natural erections. In: 79th Annual Meeting of the North Central Section of the American Urological Institute, Sep 7-10, Chicago, IL, Abstract #135.
15. **Nandipati, KC**, Raina, R, Agarwal, A, and Zippe, CD (2005): Early daily sildenafil following prostate brachytherapy preserves erectile function. In: 79th Annual Meeting of the North Central Section of the American Urological Institute, Sep 7-10, Chicago, IL, Abstract #136.
16. Raina, R, **Nandipati, KC**, Agarwal, A, and Zippe, CD (2005): Early penile rehabilitation after radical prostatectomy (RP): role of non-oral treatments. In: 79th Annual Meeting of the North Central Section of the American Urological Institute, Sep 7-10, Chicago, IL, Abstract #159
17. Raina, R, **Nandipati, KC**, Agarwal, A, and Zippe, CD (2005): Efficacy of sildenafil for erectile dysfunction after radical prostatectomy (RP): long term follow-up. In: 79th Annual Meeting of the North Central Section of the American Urological Institute, Sep 7-10, Chicago, IL, Poster #68.
18. Zippe, CD, **Nandipati, KC** Raina, R and Agarwal, A (2005): Targeted cryotherapy of the prostate: new minimally invasive therapy for early, low-grade prostate cancer. Abstract Submitted NCS AUA-
19. Bhatt, A, **Nandipati, KC**, Bhatt, ND, Ochoa, R, and Zippe, CD (2005): Comparison of effectiveness of three oral PDE-5 inhibitors in the treatment of erectile dysfunction following radical prostatectomy. In: 79th Annual Meeting of the North Central Section of the American Urological Institute, Sep 7-10, Chicago, IL, Abstract # 70.
20. Bhatt, A, **Nandipati, KC**, Bhatt, ND, Ulchaker, J, Raymond, R and Zippe, CD (2005): Neurovascular preservation in the female orthotopic cystectomy significantly impacts

- postoperative sexual function. In: 79th Annual Meeting of the North Central Section of the American Urological Institute, Sep 7-10, Chicago, IL, Abstract # 73.
21. **Nandipati, KC**, Raina, R, Agarwal, A, Zippe, CD (2005): Sildenafil, tadalafil, and vardenafil are equally effective treatments for erectile dysfunction after bilateral nerve sparing prostatectomy. In: 61st Annual Meeting of the American Society for Reproductive Medicine, Oct 15-20, Montreal, Canada, Abstract #05-A-1379-ASRM.
 22. Raina, R, **Nandipati, KC**, Agarwal, A, Zippe, CD (2005): Neurovascular preservation in the female orthotopic cystectomy significantly impacts postoperative sexual function. In: 61st Annual Meeting of the American Society for Reproductive Medicine, Oct 15-20, Montreal, Canada, Abstract #05-A-1346-ASRM.
 23. Raina, R, **Nandipati, KC**, Agarwal, A, Zippe, CD (2005): Role of early prophylaxis in the prevention of erectile dysfunction following radical prostatectomy. In: 61st Annual Meeting of the American Society for Reproductive Medicine, Oct 15-20, Montreal, Canada, Abstract #05-A-1313-ASRM.
 24. Agarwal, A, **Nandipati, KC**, Tomova, A, Kumanov P. Role of Inhibin B indexes in the evaluation of male infertility. In: 61st Annual Meeting of the American Society for Reproductive Medicine, Oct 15-20, Montreal, Canada, Abstract #05-A-1313-ASRM.
 25. Agarwal, A, **Nandipati, KC**, Tomova, A, Kumanov P. Is Inhibin B a better marker of male reproductive potential? In: 61st Annual Meeting of the American Society for Reproductive Medicine, Oct 15-20, Montreal, Canada, Abstract #05-A-1313-ASRM.

AWARDS:

1. **2005:** SCSA Diagnostics Travel Award- by American Society of Andrology Trainee Affairs Committee and ASA Executive Council. American Society of Andrology 30th Annual meeting, Seattle.
2. **2005:** Fellow of the year -Center for Advanced Research in Human Reproduction, Male Infertility and Sexual Function- Glickman Urological Institute, Cleveland Clinic Foundation.