

Home > [Rajiv Gandhi Cancer Institute & Research Centre](#) > Department of Surgical Oncology > Amitabh Singh



Amitabh Singh

Rajiv Gandhi Cancer Institute & Research Centre · Department of Surgical Oncology

About Publications (40) Network

Connect with experts in your field

Join ResearchGate to contact this researcher and connect with your scientific community.

Join for free

Log in

Contact

About

40

Publications

3,672

Reads ⓘ

163

Citations

Introduction

Skills and Expertise

- Urologic Oncology
- Robotics & Minimally Invasive Ur...
- Minimally Invasive Surgery
- Robotic Surgery
- Prostate Cancer
- Cancer Surgery
- Bladder Cancer
- Prostate
- Kidney Cancer
- Urologic Surgical Procedures

Publications

Publications (40)

Cutaneous Radiation-Associated Angiosarcoma After Treatment of Carcinoma Penis: First Report from Tertiary Cancer Centre of North India

Article May 2023

Sarbartha Kumar Pratihari · Ashish Khanna · Arnab Chakraborty · [...] · Sudhir Kumar Rawal

Cutaneous radiation-associated angiosarcoma (cRAA) is a rare and aggressive secondary cutaneous angiosarcoma (cAS) with poor survival. cRAA has been mostly reported in breast carcinoma patients. Owing to its rarity, there is scanty literature available and no treatment guidelines. To the best of our knowledge, this is the first report of cRAA after...

[View](#)

MP68-12 OUR EARLY CLINICAL EXPERIENCE WITH MANTRA TM MULTI ARM SURGICAL ROBOTIC SYSTEM (SS INNOVATIONS GROUP COMPANY) IN MAJOR URO-ONCOLOGICAL SURGERIES

Article Apr 2023

Amitabh Singh · Ashish Khanna · Sarbartha Kumar Pratihari · [...] · Sudhir Rawal

[View](#)

Enzalutamide-Induced Acute Maculopapular Rash in Treatment of Metastatic Prostate Cancer: First Case Report from a Tertiary Cancer Care Center of North India

Article Feb 2023

Arnab Chakraborty · Ashish Khanna · Vivek Vasudeo · [...] · Sudhir Rawal

Enzalutamide is a new potent inhibitor of the signaling pathway for the androgen receptor with a half-life of 5.8 days. It has been on the market for the treatment of metastatic castration-resistant prostate cancer since November 2013. We report a case of acute generalized exanthematous maculopapular rash induced by enzalutamide. In summary, newer...

[View](#)

Robot-assisted retroperitoneal lymph node dissection for post-chemotherapy residual mass in testicular cancer: Long-term experience from a tertiary care centre

Current institution

Rajiv Gandhi Cancer Institute & Research Centre



Department of Surgical Oncolog...

Current position
Consultant

Shashikant Gupta's Lab

Citations since 2017

37 Research Items 161 Citations



[Learn about citations on ResearchGate](#)

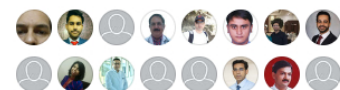
Co-authors

Top co-authors

- Nilesh Kumar
Banaras Hindu University
- Venkata Pradeep babu Koyyala
Assam Cancer Care Foundation ...
- Shashikant Gupta
Rajiv Gandhi Cancer Institute
- Dharma Ram Poonia
All India Institute of Medical Scie...
- Puneet Dhar
Amrita Hospital Faridabad

All co-authors (50)

[View All](#)



Join ResearchGate to find the people and research you need to help your work

Article Dec 2022

Vivek Vasudeo · Ashish Khanna · SarbarthaKumar Pratihari · Amitabh Singh

Objectives: To present our intermediate to long-term oncological and functional outcomes of robot-assisted retroperitoneal lymph node dissection (RA-RPLND) in post-chemotherapy (PC) residual mass in testicular cancers. To the best of our knowledge, this is the largest single-centre experience of RA-RPLND in such setting. Methods: Prospective...

[View](#)

Robotic re-exploration for post-operative in house complications following robotic pelvic uro-oncologic surgery: Initial experience, tips and tricks

Article Sep 2022

Amitabh Singh · Ashish Khanna · Jiten Jaipuria · SudhirKumar Rawal

Purpose: Despite widespread acceptance of robotics in urology, literature on using the minimally invasive approach for management of post robotic surgical complications is limited. Here we describe our experience with tips and tricks for robotic re-exploration of post-operative in house complications following robotic pelvic uro-oncologic surgery...

[View](#)



Robot-Assisted Video Endoscopic Inguinal Lymph Node Dissection for Carcinoma Penis

Article Full-text available Sep 2022

Sudhir Kumar Rawal · Amitabh Singh · Ashish Khanna

[View](#)



Pitcher pot neourethral modification of ileal orthotopic neobladder achieves satisfactory long-term functional and quality of life outcomes with low clean intermittent self-catheterization rate

Article Full-text available Jun 2021

Jiten Jaipuria · Ahmad Mamoon Karimi · Amitabh Singh · Sudhir Rawal

Objective: To describe a decade of our experience with a neo-urethral modification of ileal orthotopic neobladder (pitcher pot ONB). Multiple investigators have reported similar modifications. However, long-term longitudinal functional and quality of life (QOL) outcomes are lacking. Methods: Prospectively maintained hospital registry for 238 ONB...

[View](#)

Robot assisted video endoscopic inguinal lymph node dissection in carcinoma penis with palpable inguinal lymphadenopathy: Our technique and long term functional and oncological outcomes

Conference Paper Jun 2021

Ashish Khanna · Amitabh Singh · Jiten Jaipuria · S. Rawal

[View](#)

1P Is 177Lu-PSMA an effective treatment modality for mCRPC patients with visceral metastasis?

Conference Paper Full-text available Mar 2021

Manoj Gupta · Partha S Choudhury · Amitabh Singh · Sudhir Rawal

Metastatic castration-resistant prostate cancer (mCRPC) is the most challenging stage in prostate cancer. Patient with visceral metastasis have the poorest outcome among them. In this retrospective study, we analyzed the clinical outcome of lutetium-177 prostate-specific membrane antigen (177Lu-PSMA) in mCRPC patients with visceral metastasis.

[View](#)

Management of Leiomyosarcoma of the Prostate: Unraveling a Hoax

Article Full-text available Feb 2021

Dharma Ram Poonia · Amitabh Singh · Sunil H · Sudhir Rawal

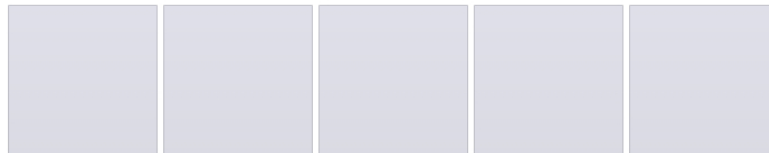
Prostatic Leiomyosarcoma is a rare tumor with less than 200 cases reported. These are aggressive tumors and treatment guidelines are not well established. In early stages, they usually present with obstructive lower

- 25+ million members
- 160+ million publication pages
- 2.3+ billion citations

[Join for free](#)

urinary tract symptoms without elevation of serum prostate-specific antigen. They lack specific clinical or imaging characteristics, h...

[View](#)



Oligometastasis to testis in prostate cancer: Role of gallium-68 prostate-specific membrane antigen positron-emission tomography computed tomography

Article [Full-text available](#) Jan 2021

Manoj Gupta · Partha S Choudhury · Sudhir Rawal · Amitabh Singh

Accurate staging and restaging with early detection of recurrent site is the key for planning treatment in patients of prostate cancer. Recently, gallium-68 prostate-specific membrane antigen positron-emission tomography computed tomography (68Ga-PSMA PET/CT) has emerged as a better tool for this. Few uncommon sites of early metastasis can also be...

[View](#)

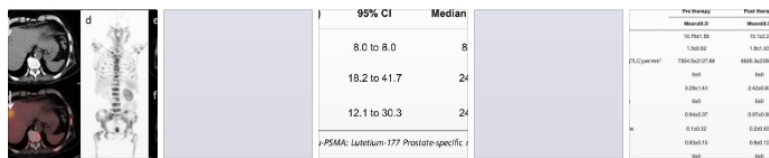
Pitcher pot neourethral modification of ileal orthotopic neobladder achieves satisfactory long-term functional and quality of life outcomes with low clean intermittent self-catheterization rate

Article [Full-text available](#) Jan 2021

Jiten Jaipuria · Ahmad · Mamoon Karimi · [...] · Sudhir Rawal

Objective: To describe a decade of our experience with a neo-urethral modification of ileal orthotopic neobladder (pitcher pot ONB). Multiple investigators have reported similar modifications. However, long-term longitudinal functional and quality of life (QOL) outcomes are lacking. Methods: Prospectively maintained hospital registry for 238 ONB pa...

[View](#)



Is 177Lu-PSMA an effective treatment modality for mCRPC patients with bone and visceral metastasis?

Article [Full-text available](#) Dec 2020

Manoj Gupta · Karthikeyan Ganesan · Partha S Choudhury · [...] · Sudhir Rawal

Objective: We analyzed the clinical outcome of lutetium-177 prostate-specific membrane antigen (177Lu-PSMA) in metastatic castration-resistant prostate cancer (mCRPC) patients with visceral metastasis. Subjects and methods: Ten patients of mCRPC with visceral metastasis were enrolled for one cycle of 177Lu-PSMA therapy. Number of efficacy and sa...

[View](#)

A walk with Lu-177 PSMA: How close we have reached from bench to bedside?

Article Aug 2020

Manoj Gupta · Karthikeyan Ganesan · Partha S Choudhury · [...] · Sudhir Rawal

Metastatic castration-resistant prostate cancer (mCRPC) is a natural sequela in advanced prostate cancer following resistance to standard treatment regimes. Where patients develop with rising PSA, bone pains, and high disease volume. Further palliative treatment is the need of the hour for ensuring disease control and quality of life. In recent tim...

[View](#)

Correction to: Safety Profile and Therapeutic Efficacy of One Cycle of Lu177-PSMA in End-Stage Metastatic Castration-Resistant Prostate Cancer Patients with Low Performance Status

Article Aug 2020

Manoj Gupta · Partha Sarathi Choudhury · Sudhir Rawal · [...] · Amitabh Singh

The following affiliation has been added to the first author, Manoj Gupta

[View](#)

Inguinal lymph node dissection in the era of minimally invasive surgical technology

Article Aug 2020

Reza Nabavizadeh · Benjamin Petrinc · Behnam Nabavizadeh · [...] · Viraj A Master

Background Inguinal lymph node dissection (ILND) is an essential step in both treatment and staging of several malignancies including penile and vulvar cancers. Various open, video endoscopic, and robotic-assisted

techniques have been utilized so far. In this review, we aim to describe available minimally invasive surgical approaches for ILND, and...

[View](#)

Robotic modified Sugarbaker intraperitoneal onlay graft hernioplasty for ileal conduit urinary diversion associated parastomal hernia

Conference Paper [Full-text available](#) Jul 2020

Jiten Jaipuria · S. Rawal · Amitabh Singh · Shashikant Gupta

[View](#)

Determinants of long-term quality of life outcomes following radical cystectomy and orthotopic neobladder

Conference Paper [Full-text available](#) Jul 2020

Jiten Jaipuria · Amitabh Singh · Shashikant Gupta · S. Rawal

[View](#)

Robotic salvage cystectomy post radiotherapy: It's feasible

Conference Paper [Full-text available](#) Jul 2020

Jiten Jaipuria · S. Rawal · Amitabh Singh · Shashikant Gupta

[View](#)



Uro-oncology in times of COVID-19: The available evidence and recommendations in the Indian scenario

Article [Full-text available](#) May 2020

Tushar Aditya Narain · Gagan Gautam · Amlesh Seth · [...] · Ankur Mittal

The Corona Virus Disease-2019 (COVID-19), one of the most devastating pandemics ever, has left thousands of cancer patients to their fate. The future course of this pandemic is still an enigma, but health care services are expected to resume soon in a phased manner. This might be a long drawn process and we need to have policies in place, to be abl...

[View](#)

Adjuvant radiation compares favorably to chemotherapy in patients with carcinoma penis and nodal positivity restricted to groin

Article Apr 2020

Jiten Jaipuria · Tarun Kohli · Manikandan Venkatasubramanian · [...] · Sudhir Kumar Rawal

Objectives To compare overall survival (OS) between adjuvant radiation, chemotherapy and chemoradiation (CCRT) postsurgery for node-positive patients with carcinoma penis. Methods Prospectively maintained registry for 45 patients receiving adjuvant treatment following lymph node dissection from 2011 to 2017, having minimum 6 months follow-up and m...

[View](#)

Safety Profile and Therapeutic Efficacy of One Cycle of Lu177-PSMA in End-Stage Metastatic Castration-Resistant Prostate Cancer Patients with Low Performance Status

Article Nov 2019

Manoj Gupta · Partha Sarathi Choudhury · Sudhir Rawal · [...] · Amitabh Singh

Purpose The aim of this study was to evaluate safety and therapeutic efficacy of lutetium 177 prostate-specific membrane antigen (Lu-177-PSMA) in metastatic castration-resistant prostate cancer (mCRPC) patients with low performance status. Methods Twenty-two patients already treated with anti-androgens and docetaxel were enrolled for one cycle of...

[View](#)

Safety profile and therapeutic efficacy of one cycle of Lu177 PSMA in end stage metastatic castration resistant prostate cancer patients with low performance status

Conference Paper [Full-text available](#) May 2019

Manoj Gupta · Partha S Choudhury · Sudhir Rawal · [...] · Amita gupta

Abstract 468 Introduction: Prostate cancer patients with distant metastasis have a poor prognosis and developed resistance to all standard drugs at various time intervals. A therapeutic option which can alleviate symptoms and prolong survival is in-search for these patients. Lu177 prostate specific membrane antigen (Lu177 PSMA) is a novel drug ba...

[View](#)

9PSafety profile and therapeutic efficacy of one cycle of [177Lu]prostate-specific membrane antigen (PSMA) in end stage metastatic castration-resistant prostate cancer patients with low performance status

Article Full-text available Feb 2019

Manoj Gupta · Partha S Choudhury · S Rawal · [...] · Amitabh Singh

[View](#)



Is robot-assisted radical cystectomy superior to standard open radical cystectomy? An Indian perspective

Article Full-text available Oct 2018

Dharma Ram Poonia · Suhas K R · S. Rawal · [...] · A.K. Dewan

Introduction: Open radical cystectomy (ORC) has been the standard treatment for muscle-invasive bladder cancer, but this is associated with significant morbidity and mortality. Robot-assisted radical cystectomy (RARC) has been proposed as minimally invasive alternative with improved morbidity and acceptable oncological outcomes, but a large series...

[View](#)

Initial risk stratification and staging in prostate cancer with prostatic-specific membrane antigen positron emission tomography/computed tomography: A first-stop-shop

Article Full-text available Oct 2018

Manoj Gupta · ParthaSarathi Choudhury · Sudhir Rawal · [...] · SarojKumar Sahoo

Current imaging for prostate cancer (PCa) had limitations for risk stratification and staging. Magnetic resonance imaging frequently underestimated lymph node metastasis while bone scintigraphy often had diagnostic dilemmas. Prostatic-specific membrane antigen (PSMA) positron emission tomography-computed tomography (PET/CT) has been remarkable in P...

[View](#)

Experience with R-VEIL in Carcinoma Penis

Conference Paper Full-text available Oct 2018

Jiten Jaipuria · Amitabh Singh · Sudhir Rawal

Lymphadenectomy is a potentially curative treatment in patients with carcinoma penis. Open inguinal lymph node dissection (OILND) has been the conventional gold standard, however, despite modifications such as thicker skin flaps and reduced field of dissection, contemporary series describe 27% major morbidity rate. Video endoscopic inguinal lymph n...

[View](#)

Pitcher's Pot Ileal Neobladder - Results of 12 years in over 200 patients

Conference Paper Full-text available Oct 2018

Jiten Jaipuria · Amitabh Singh · Sudhir Rawal

We first published our original technique of Pitcher's pot neobladder in 2006. Here we review our overall experience with specific emphasis on long term outcomes. From May 2006 to July 2016, 230 neobladders were created. The mean age of patients was 55 years and majority were males (n=220). Of these 158 neobladders were created robotically by sandw...

[View](#)

Clinical Significance of Incidental Prostatic Carcinoma on Radical Cystectomy Histology Specimens: a Clinicopathological and Survival Analysis

Article Full-text available Apr 2018

Dharma Ram Poonia · Suhas K R · Sudhir Rawal · [...] · Ajay Kumar Dewan

Incidental prostatic carcinoma on radical cystectomy histology specimens is not an uncommon entity and managing such cases is still controversial. Classification into clinically significant and insignificant cancers by Epstein based on the assumption that one is more likely to affect the survival than the other is not universally accepted. We condu...

[View](#)

MP26-14 ROBOT ASSISTED RETROPERITONEAL LYMPH NODE DISSECTION OF POST CHEMOTHERAPY RESIDUAL MASS – A SINGLE CENTER EXPERIENCE OF 18 PATIENTS

Conference Paper Full-text available Apr 2018

Amitabh Singh · Jiten Jaipuria · Saroj Baidya · [...] · Sudhir Rawal

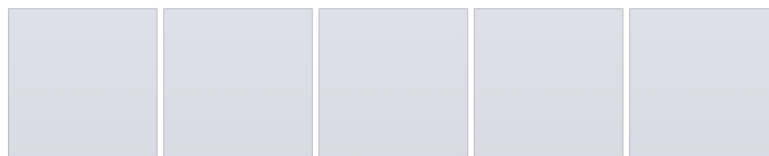
[View](#)

Surgical feasibility, and outcome of robot-assisted video endoscopic inguinal lymph node dissection in node positive groin of carcinoma penis patients

Conference Paper Full-text available Mar 2018

Amitabh Singh · Jiten Jaipuria · S. Baidya · [...] · S. Rawal

[View](#)



Is robot-assisted radical cystectomy superior to standard open radical cystectomy? An Indian perspective

Article Full-text available Feb 2018

Dharma Ram Poonia · Suhas K R · Sudhir Rawal · [...] · AjayK Dewan

Introduction: Open radical cystectomy (ORC) has been the standard treatment for muscle-invasive bladder cancer, but this is associated with significant morbidity and mortality. Robot-assisted radical cystectomy (RARC) has been proposed as minimally invasive alternative with improved morbidity and acceptable oncological outcomes, but a large series...

[View](#)



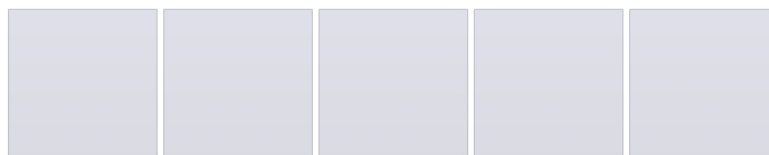
Comparing outcomes of robotic and open inguinal lymph node dissection in patients with carcinoma penis

Article Full-text available Jan 2018

Amitabh Singh · Jiten Jaipuria · Amit Goel · [...] · Sudhir Rawal

Purpose: To compare outcomes between Robot assisted video endoscopic inguinal lymphadenectomy (RA-VEIL) and open inguinal lymph node dissection (OILND) in patients without bulky nodal metastasis in a tandem contemporary cohort. Materials and methods: Prospectively maintained hospital registry of patients undergoing RA-VEIL (51 patients) or OILND...

[View](#)



Robot-assisted retroperitoneal lymph node dissection: Feasibility and outcome in postchemotherapy residual mass in testicular cancer

Article Full-text available Oct 2017

Amitabh Singh · Smaranjit Chatterjee · Prashant Bansal · [...] · Sudhir Rawal

Introduction: We aimed to evaluate the surgical feasibility, complication, and oncological outcome of robot-assisted retroperitoneal lymph node dissection (RA-RPLND) in patients of testicular tumor with postchemotherapy residual retroperitoneal mass. Methods: A total of 13 patients underwent RA-RPLND between January 2012 and September 2016 at our i...

[View](#)

Risk stratification and staging in prostate cancer with prostatic specific membrane antigen PET/CTObjective: A one-stop-shop

Article Full-text available Sep 2017

Manoj Gupta · Partha Sarathi Choudhury · Sudhir Rawal · [...] · Saroj Kumar Sahoo

Objective: Current imaging modalities for prostate cancer (PC) had limitations for risk stratification and staging. Magnetic resonance imaging (MRI) frequently underestimated lymphatic metastasis while bone scintigraphy often had diagnostic dilemmas. Prostatic specific membrane antigen (PSMA) positron emission tomography-computed tomography (PET/C...

[View](#)

A critical comparative analysis of operative complication and oncological outcome between robot assisted video endoscopic inguinal lymph node dissection and open inguinal lymph node dissection





Article Mar 2017

Amitabh Singh · S. Shah · P. Bansal · [...] · S. Rawal

[View](#)

Long term follow up and outcome of a new technique of ureteroileal anastomosis: Tube in tube technique

Article Mar 2017

 Amitabh Singh ·  P. Bansal ·  Soutrick Chatterjee ·  S. Rawal

[View](#)



Peri-incisional catheters through open surgical wound in converted nephrectomies: A novel modification of transverse abdominis plane block




Article Full-text available Apr 2016

 Amit Kumar Mittal ·  Nitesh Goel ·  JitendraKumar Dubey · [...] ·  Amitabh Singh

[View](#)

705 Robot assisted video endoscopic inguinal lymphadenectomy: Our single centre data at 1 year of follow-up in patients with carcinoma penis



Conference Paper Apr 2015

 A. Goel ·  Amitabh Singh ·  Suhas K R · [...] ·  S. Rawal

[View](#)

To evaluate the incidence ,nature of injury and clinical outcomes of head injuries in North eastern part of India

Article Jan 2013

 Amitabh Singh ·  R Meena ·  Vivek Sharma · [...] ·  Lalit prashant Meena

[View](#)

Network

Cited

[View All](#)



Scott G Williams
Peter MacCallum Cancer Centre



Michael S Hofman
Peter MacCallum Cancer Centre



Matthias Eiber
Technische Universität München



Kambiz Rahbar
Universitätsklinikum Münster



Nicola Nicolai
Fondazione IRCCS Istituto Nazionale dei Tumori di Milano

Cited By

[View All](#)



Łukasz Zapala
Medical University of Warsaw



Jiten Jaipuria
Portsmouth Hospitals University NHS Trust



Richard P. Baum
Deutsche Klinik für Diagnostik, Wiesbaden



Chen Zhiwen
Zhejiang Hisun Pharmaceutical Co. Ltd.



Andreas Wibmer
Memorial Sloan Kettering Cancer Center



Company

[About us](#)

[News](#)

[Careers](#)

Support

[Help Center](#)

Business solutions

[Advertising](#)

[Recruiting](#)

