

Department of Radiation Oncology
Pt. B. D. Sharma P. G. I. M. S. Rohtak

No. RT/2022/1159

Dated: 09.08.2022

To

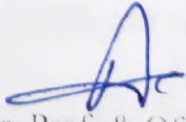
Prof. Incharge, IT and Telemedicine
Pt. B. D. Sharma, PGIMS
Rohtak.

Subject: Website information of Radiation Oncology Department.

This is in reference to Director office letter No. 18239 dated 04.08.2022 and State Public Information Officer letter No. SPIO/PGIMS/2022/6308-10 dated 05.08.2022.

The website information of Radiation Oncology Department is approved by the Director, PGIMS, Rohtak. You are requested to upload the said information on the website of the institute and acknowledge that the information has been uploaded on the website of the Institute and department may provide certificate in this regard. The soft copy in PDF and hard copy is enclosed as desired by you.

This is for your information and necessary action.

 29.8.22
Sr. Prof. & Officiating Head,
Dept. of Radiation Oncology
Pt. BDS PGIMS, Rohtak.



~~Speed Post~~ **MOST URGENT**

PT. B.D.SHARMA POSTGRADUATE INSTITUTE OF MEDICAL SCIENCES, ROHTAK

No. SPIO/PGIMS/2022/ **63-8-10**

Dated: - **05.08.2022**

To

1. The Sr. Prof. & Head, Deptt. of Orthopedics, , Pt. B. D. Sharma, PGIMS, Rohtak vide letter No. Ortho/22/2661-63, dated 02.08.2022.
- ✓ 2. The Sr. Prof. & Head, Deptt. of Radiation Oncology, Pt. B. D. Sharma, PGIMS, Rohtak vide letter No. RT/2022/1118-19, dated 04.08.2022.
3. The DMS I/c Sanitation, Pt. B. D. Sharma, PGIMS, Rohtak vide letter No. PGIMS/Sanitation/22/1763, dated 03.08.2022

Sub:- Implementation of Pro-active disclosure under section-4 of RTI Act 2005.

The information related to implementation of Pro-active disclosure under section-4 of RTI Act 2005, sent by you to the worthy Director, Pt. B. D. Sharma, PGIMS, Rohtak, for approval the same from the First Appellate Authority-cum-Director, Pt. B. D. Sharma, PGIMS, Rohtak. The same has already been approved by the FAA cum Director, Pt. B. D. Sharma, PGIMS, Rohtak.

The same is returned in original with the request to kindly send the information to the Prof. I/c Telemedicine, Pt. B. D. Sharma, PGIMS, Rohtak in PDF format as Soft copy and Hard copy, so that the same can be uploaded/updated on the website of the institute for implementation of Pro-active disclosure under section-4 of RTI Act 2005. After the information has been uploaded on the institute website. You are requested to kindly provide a certificate regarding this.

It may be treated as utmost urgent.

Encls. As above

Endst. No. SPIO/PGIMS/2022/

State Public Information Officer
Pt. B. D. Sharma, PGIMS, Rohtak

Dated: **1 / 8 / 2022**

Copy of the above is forwarded to the First Appellate Authority-cum-Director, Pt. B. D. Sharma, PGIMS, Rohtak for information.

State Public Information Officer
Pt. B. D. Sharma, PGIMS, Rohtak

(P) 4/8/22
4:30 PM

Department of Radiation Oncology,
Pt. B. D. Sharma P. G. I. M. S., Rohtak.

No. RT/2022/

Dated: 04.08.2022

To

State Public Information Officer
Pt. B. D. Sharma PGIMS, Rohtak.

Sub: Website information of Radiation Oncology Department.

18239
04/08/2022

This is in reference to your letter No. SPIO/PGIMS/2022/4094-4132 dated 23.06.2022, letter No. SPIO/PGIMS/2022/6091-6113 dated 29.07.2022, Department of IT letter No. IT/2022/247 dated 23.06.2022 and Director Office letter No. MG-III/22/5899-5960 dated 24.06.2022.

The website information of Radiation Oncology Department has been sent to IT Department on Email ID webuploads@uhsr.ac.in on 07.07.2022 as desired by you.

The reminder E-mail and hard copy is again being sent on Email ID webuploads@uhsr.ac.in. A soft copy of the website information has been sent to Director, PGIMS, Rohtak for approval of worthy Director, PGIMS, Rohtak.

Dr Vivek Kaushal
Sr. Prof. & Head,
Dept. of Radiation Oncology,
Pt. BDS PGIMS, Rohtak.

Endst. No. RT/2022/ 1118-19

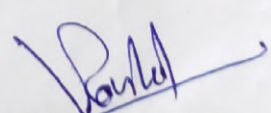
Dated: 04.08.2022

A copy of the above is forwarded to the following for information and necessary action.

1. The Director, PGIMS, Rohtak with the information that the desired information was sent to IT Department on Email ID webuploads@uhsr.ac.in on 07.07.2022. A soft copy has been sent to you for approval.
2. Professor Incharge, Department of IT, PGIMS, Rohtak.

SPIO

Director
4/8/22


Dr Vivek Kaushal
Sr. Prof. & Head,
Dept. of Radiation Oncology,
Pt. BDS PGIMS, Rohtak.

Department of Radiation Oncology,
Pt. B. D. Sharma P. G. I. M. S., Rohtak.

No. RT/2022/1131

Dated: 05.08.2022

To

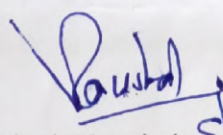
The Director
PGIMS, Rohtak

Sub: Proactive disclosure under section 4 of RTI Act, 2005- Radiation Oncology Department.

This is in reference to letter No. SPIO/PGIMS/2022/4094-4132 dated 23.06.2022, letter No. SPIO/PGIMS/2022/6091-6113 dated 29.07.2022, Department of IT letter No. IT/2022/247 dated 23.06.2022 and your Office letter No. MG-III/22/5899-5960 dated 24.06.2022.

The Proactive disclosure under section 4 of RTI Act 2005- Radiation Oncology Department is being sent to you for approval of worthy Director, PGIMS, Rohtak. After your approval it will be uploaded on the website webuploads@uhsr.ac.in and sent to IT Department as per instructions received.

This is for your information and necessary action.


Dr Vivek Kaushal 5/8/2022
Sr. Prof. & Head,
Dept. of Radiation Oncology,
Pt. BDS PGIMS, Rohtak.

Endst. No. RT/2022/

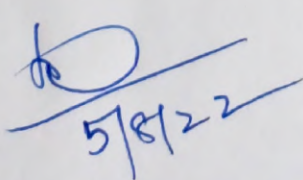
Dated: 05.08.2022

A copy of the above is forwarded to the following for information and necessary action.

1. State Public Information Officer, Pt. B. D. Sharma PGIMS, Rohtak
2. Professor Incharge, Department of IT, PGIMS, Rohtak.

Approved SPIO


Dr Vivek Kaushal
Sr. Prof. & Head,
Dept. of Radiation Oncology,
Pt. BDS PGIMS, Rohtak.


5/8/22

Information of Radiation Oncology Department, **(August 2022)**

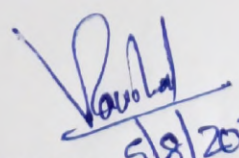
Regional Cancer Centre Rohtak is a tertiary care centre in Haryana providing comprehensive cancer treatment to needy cancer patients. The Department of Radiation Oncology came into existence in the year 1977. On 7th Dec 1977 this institution got its first fully rotational Theratron 765 cobalt teletherapy unit. The existing building of Regional Cancer Centre has been inaugurated on 20th Dec 1988. In 1990s this institution got another cobalt teletherapy machine, facility for intracavitary brachytherapy and other equipment required for a full-fledged Radiation Oncology Department. PGIMS Rohtak is equipped with three teletherapy machines, one telecobalt Theratron 780E and two state of art Equinox telecobalt machines. Eighty percent of cancer patients need Radiation therapy sometime in the course of their disease. This institute has been upgraded into Regional Cancer Centre (RCC) under National Cancer Control Program by Ministry of Health & Family Welfare, Govt. of India in 1999.

The Institute is having a dedicated faculty of international repute. In this Centre, six MD Radiation Oncology & Six BSc Radiation Oncology Technology students are being trained every year.

A high energy linear accelerator (LINAC) is being procured through PMSSY scheme and construction of new LINAC complex, approved by Atomic Energy Regulatory Board (AERB), has been started. Keeping in view the future needs of patient, the University authorities are procuring a new state of the art HDR Brachytherapy machine and a new simulator is also being procured for ensuring the accurate delivery of Radiation therapy.

In addition, the Department has supportive Radiation dosimetry equipments and gamma zone monitor etc. Approximately 150-patients get radiation therapy daily and around 45-patients get chemotherapy daily when the department is fully functional. About 200-patients attend RT OPD for follow up and approximately 15-new cancer patients are seen daily. The Department is making all efforts for spreading awareness by educating attendants of the patient & public regarding the preventive aspects of cancer e.g. tobacco control etc. There is an indoor ward with 60 beds for cancer patients. Ninety five percent cancer patients attending the department are provided Radiotherapy & Chemotherapy services free of cost. The RCC is actively involved in health education and community based cancer programs.

In COVID-19 era, SOP has been developed and all precautions are being undertaken to treat cancer patients to avoid the Corona virus infection.


5/8/2022
Sr. Prof. & Head
Department of Radiation Oncology
Pt. B.D. Sharma PGIMS, Rohtak

Radiation Oncology Faculty with qualification, designation & experience

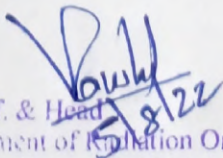
Name	Qualification	Date of joining	Designation	Specialization	Experience (Years)
Dr Vivek Kaushal	MBBS, MD, DNB	09.04.90	Sr. Professor & Head	Radiation Oncology	35
Dr Ashok Chauhan	MBBS, MD	25.03.91	Sr. Professor & Unit Head	Radiation Oncology	28
Dr Rakesh Dhankhar	MBBS, MD	29.06.04	Professor	Radiation Oncology	20
Dr Rajeev Atri	MBBS, MD	23.10.07	Professor	Radiation Oncology	17
Dr Paramjeet Kaur	MBBS, MD	15.07.06	Professor	Radiation Oncology	17
Dr Narayan P Patel	MSc, DRP, PhD	02.08.08	Professor	Radiation Physics	23
Mr N. Balasubramanian	MSc, DRP	19.10.06	Assistant Professor	Radiation Physics	28
Dr Abhishek Soni	MBBS, MD, DNB	06.02.2019	Assistant Professor	Radiation Oncology	7
Dr Shailley	MBBS, DNB	09.09.2019	Assistant Professor	Radiation Oncology	5
Dr Garima	MBBS, MD	31.12.2019	Assistant Professor	Radiation Oncology	3

Phone number and e-mail directory

Sr. No	Name of the Faculty	Designation	Phone Number	OPD Days	Phone Office (EPABX)	E-mail ID
1	Dr Vivek Kaushal	Sr. Professo & Head of Department	98960-55906	Monday Wednesday Friday	2246	
2	Dr Ashok Chauhan	Sr. Professor & Unit Head, Unit II	94167-66803	Tuesday Thursday Saturday	2449	
3	Dr Rakesh Dhankhar	Professor	99920-20911	Monday Wednesday Friday	2595	
4	Dr Rajeev Atri	Professor	93541-80865	Monday Wednesday Friday		
5	Dr Paramjeet Kaur	Professor	89013-87991	Tuesday Thursday Saturday		
6	Dr Narayan P Patel	Professor	99923-14404	-		
7	Dr N Balasubramanian	Asstt Professor	94166-79936	-		
9	Dr Abhishek Soni	Asstt Professor	87089-97069	Tuesday Thursday Saturday		
10	Dr Shailley	Asstt Professor	99921-07439	Tuesday Thursday Saturday		
11	Dr Garima	Asstt Professor	72064-64675	Monday Wednesday Friday		

Senior Residents

Sr. No	Name of the Senior Resident	Designation	Phone Number	E-mail IDs
3	Dr. Diptajit	Senior Resident		
4.	Dr Sunder Singh	Senior Resident		


Sr. Prof. & Head
Department of Radiation Oncology
Pt. B.D. Sharma PGIMS, Rohtak

Number of support staff (technical) and administrative staff: sanctioned, filled and actual:

Sr. No.	Number of post sanctioned	Number of post filled	Number of actual staff
1	7 Technicians	7	7
2	1 Steno	1	1

36 posts of Radiation Oncology staff have been approved to comply with the AERB guidelines and recruitment for these is ongoing.

Indexed publications in journals and conferences for the year 2017 to 2022

1. Malik G, Dhull AK, Atri R, Kaushal V. A Comparative Evaluation of Neoadjuvant Chemotherapy Followed by Concomitant Chemoradiation versus Accelerated Radiation Therapy versus Conventional Radiation Therapy in LAHNC. Asian J Oncol 2017;3:59-65. DOI: 10.4103/2454-6798.209331 (ISSN: Print -2454-6798, Online - 2455-4618).
2. Sehgal S, Dhull AK, Bansal V, Atri R, Dhankhar R, Kaushal V. Multiple primary malignant tumors –still in penury. Journal of Cancer Research and Therapeutics. JCRT 2017;13(Supl 1):S219; YUGP3542:53 (ISSN: 0973-1482 E ISSN: 1998-4138).
3. Bansal V, Dhull AK, Kaushal V, Atri R, Dhankhar R, Sehgal S, Dubey M. Primary Non-Hodgkin's Lymphoma of the Breast. Journal of Cancer Research and Therapeutics. JCRT 2017;13(Supl 1):S221; YUGP3564: 39. (ISSN: 0973-1482 E ISSN: 1998-4138).
4. Nongkynrih A, Kamboj K, Dhull AK, Atri R, Dhankhar R, Patel, NP Balasubramanian N, Kaushal V. Single session Radiotherapy: Is it a real palliation? Journal of Cancer Research and Therapeutics. JCRT 2017;13(Supl 1):S223; YUGP3596: 32 (ISSN: 0973-1482 E ISSN: 1998-4138).
5. Kamboj K, Nongkynrih A, Dhull AK, Atri R, Dhankhar R, Patel, NP Balasubramanian N, Kaushal V. Retrospective review of patients received Single Session Palliative RT. Journal of Cancer Research and Therapeutics. JCRT 2017;13(Supl 1):S223; YUGP3598: 60 (ISSN: 0973-1482 E ISSN: 1998-4138).
6. Dhull AK, Kaushal V, Dhankhar R, Atri R. Cutaneous Toxicity of Taxanes and Management. Journal of Cancer Research and Therapeutics. JCRT 2017;13(Supl 1):S229; YUGP3666: 57 (ISSN: 0973-1482 E ISSN: 1998-4138).
7. Kumar T, Dhull AK, Atri R, Dhankhar R, Patel, NP Balasubramanian N, Kaushal V. Review of Renal Cell Carcinoma: Retrospective Analysis of Five Years. Journal of Cancer Research and Therapeutics. JCRT 2017;13(Supl 1):S232; YUGP3694: 52 (ISSN: 0973-1482 E ISSN: 1998-4138).
8. Dhull AK, Mukutawat P, Bhardwaj S, Bhola A, Nongkynrih A, Khurana A, Atri R, Dhankhar R, Chauhan AK, Kaushal V. Review of Carcinoma Skin: Retrospective Analysis of Five Years. Journal of Cancer Research and Therapeutics. JCRT 2017;13(Supl 1):S248; YUGP4858: 14 (ISSN: 0973-1482 E ISSN: 1998-4138).
9. Atri R, Kamboj K, Dhull AK, Kaushal V. Role of Benzylamine Vs Povidone Iodine in LAHNC. Journal of Cancer Research and Therapeutics. JCRT 2017;13(Supl 1):S356; YUGP4934: 59 (ISSN: 0973-1482 E ISSN: 1998-4138).
10. Kaushal V, Bansal V, Dhull AK. Comparative Study of Three Chemotherapy Schedules in Recurrent, Residual or Metastatic Head and Neck Carcinoma. Journal of Cancer Research and Therapeutics. JCRT 2017;13(Supl 1):S357; YUGP4950: 56 (ISSN: 0973-1482 E ISSN: 1998-4138).
11. Kaushal J, Dhull AK. Cost Effectiveness of Targeted Therapy in Ovarian Cancer. Journal of Cancer Research and Therapeutics. JCRT 2017;13(Supl 1):S358; YUGP4974:14 (ISSN: 0973-1482 E ISSN: 1998-4138).
12. Kamboj K, Dhull AK, Atri R, Nongkynrih A, Kaushal V. A comparative study evaluating the role of benzylamine versus povidone iodine in oral mucositis during concomitant chemoradiation in locally advanced head and neck cancer. J Cancer Prev Curr Res. 2018;9(1): 00319. DOI: 10.15406/jcpcr.2018.09.00319. ISSN: 2373-633X.

13. Soni Abhishek, Kaushal V, Verma M, Dhull AK, Atri R, Dhankhar R. Comparative Evaluation of Three Palliative Radiotherapy Schedules in Locally Advanced Head and Neck Cancer. *World J Oncol.* 2017;8(1):714. doi: <https://doi.org/10.14740/wjon992w>. ISSN-print: 1920-4531,e-ISSN: 1920-454X.
14. Gogia P, Dhull AK, Kaushal V. Weekly versus biweekly high-dose rate brachytherapy schedules in carcinoma cervix following concomitant chemoradiation with paclitaxel and carboplatin. *Asian J Oncol* 2017;3:12-6. DOI: 10.4103/ASJO.ASJO_111_16 (ISSN: Print -2454-6798, Online - 2455-4618).
15. Gupta P, Dhull AK, Kaushal V. Synchronous versus Metachronous Malignancies of Breast and Ovary. *J. Evid. Based Med. Healthc.* 2017; 4(25), 1486-8. DOI: 10.18410/jebmh/2017/288 (E-ISSN: 2349-2562; P-ISSN: 2349-2570).
16. Vyas R, Kamboj K, Nongkynrih A, Dhull AK, Atri R, Dhankhar R, Kaushal V. Retrospective review of patients received single session palliative RT. Oral presentation in Haryana state AOI conference, PGIMS, Rohtak on 28th to 29th October 2017.
17. Singh S, Dhankhar R, Dhull AK, Kaushal V. Palliative radiotherapy in management of pain flare in bone metastasis. Oral presentation in NZAROICON 2017 Hisar, Haryana from 16th to 17th December 2017.
18. Mukutawat P, Kaushal V, Dubey M, Dhankhar R, Atri R, Dhull AK. Basal Cell Adenocarcinoma of Parotid Gland: A Rare Tumor Entity: Case Report and Review of Literature. Presented In RGCON 2018, New Delhi On 10th February 2018.
19. Bhardwaj S, Dhankhar R, Dubey M, Kaushal V, Atri R, Dhull AK. Bisphosphonate Related Osteonecrosis of Jaw (Bronj) In A Woman with Carcinoma Breast.. Presented In RGCON 2018, New Delhi On 10th February 2018.
20. Bhardwaj S, Dhull AK, Dhankhar R, Kaushal V, Atri R, Dubey M. Pregnancy Associated Breast Cancer (PABC): Literature Review. Presented in BCFICON 2018, FARIDABAD on 10TH MARCH 2018
21. Bansal V, Dhull AK, Kaushal V, Atri R. Cutaneous metastasis in carcinoma hypopharynx- a rare case report. Oral paper presentation in 23rd Annual Conference AOI Haryana 2017 held at Rohtak from 28th to 29th October 2017.
22. Nongkynrih A, Dhull AK, Atri R, Dhankhar R, Patel NP, Balasubramanian N, Kaushal V. Small cell Carcinoma Larynx : A case Report.Oral presentation at the 23rd Annual conference AOI Haryana State held at Rohtak, Haryana from 28th to 29th October, 2017.
23. Nongkynrih A, Dhull AK, Kaushal V. Miraculous response to Radiotherapy in a rare case of Malignant Nodular Hidradenoma Nose. Poster presentation at the Annual Conference North Zone of "Association of Radiation Oncologists of India, 2017 held at Hisar, Haryana from 16th to 17th December, 2017
24. Nongkynrih A, Kamboj K, Dhull AK, Atri R, Dhankhar R, Patel NP, Balasubramanian N, Kaushal V. Single session Radiotherapy in Locally Advanced Head and Neck Cancer: A Retrospective Analysis. Oral presentation at the Annual Conference North Zone of "Association of Radiation Oncologists of India, 2017 held at Hisar, Haryana from 16th to 17th December, 2017.
25. Kamboj K, Dhull AK, Atri R, Kaushal V. Comparative evaluation of the role of Benzylamine vs Povidone Iodine in Oral Mucositis during Concomitant Chemoradiation in Locally Advanced Head and Neck Cancer. Poster presentation at innovations in oncology Lung Cancer 5th edition held at Faridabad from 22nd to 23rd April, 2017.
26. Kamboj K, Dhull AK, Atri R, Dhankhar R, Patel NP, Balasubramanian N, Kaushal V. Benzylamine Hydrochloride in Prevention of Oral Mucositis. Oral presentation at the 23rd Annual conference AOI Haryana State held at Rohtak, Haryana from 28th to 29th October, 2017.
27. Kamboj K, Dhull AK, Atri R, Kaushal V. Povidone Iodine in Prevention of Oral Mucositis. Oral presentation at the Annual Conference North Zone of "Association of Radiation Oncologists of India, 2017 held at Hisar, Haryana from 16th to 17th December, 2017.
28. Kumar T, Dhankhar R, Dhull AK, Kaushal V. Comparison of Two Palliative Radiotherapy Schedules in Locally Advanced Head and Neck Carcinoma. Poster Presentation at Innovations in Oncology - Lung Cancer edition on 22 and 23 april, 2017 Surajkund, Delhi NCR.
29. Kumar T, Dhull AK, Atri R, Dhankhar R, Patel NP, Balasubramanian N, Kaushal V. Retrospective Review of patients of Renal Cell Carcinoma. Poster presentation at 2nd Indian Cancer Congress 8th -12th November 2017 Bengaluru, India.
30. Kumar T, Dhankhar R, Dhull AK, Kaushal V. Definitive Hypofractionated Radiotherapy in Carcinoma Larynx. Oral Presentation at 23rd Annual Conference AOI Haryana state 28th and 29th October, 2017 at PGIMS Rohtak.

31. Kumar T, Dhankhar R, Dhull AK, Kaushal V. Palliative Radiotherapy in Locally Advanced Head and Neck Cancer. Oral Presentation at Annual Conference of Association of Radiation Oncologists of India (AROI) North Zone, held on 16th and 17th December, 2017 at Aadhar Health Institute, Hisar.
32. Chauhan AK, Takia T, Bansal N, Kaur P, Khurana A, Verma YP. A comparative evaluation of accelerated radiotherapy versus Concomitant Chemoradiotherapy in management of locally advanced head and neck carcinoma. *European Journal of Medicine* 2017, 5(1).
33. Kumar D, Kaur P, Khurana A, Chauhan AK, Sen R. Primary Ewing's sarcoma/ primitive neuroectodermal tumor of stomach. *Tropical Gastroenterology* 2016; 37(2):132-134.
34. Chauhan A, Verma YP, Sangwan SS, Kumar D, Kaur P. Efficacy of external beam radiotherapy for the management of refractory plantar fasciitis: a prospective study. *International journal of current research.* 2017;9(5); 51230-36.
35. Verma V, Kaur P, Chauhan AK, Verma YP, Khurana A, Sharma M. Palliative radiotherapy with concomitant maintenance Gefitinib for the management of locally advanced adenocarcinoma lung patients unfit for radical treatment. *Journal of medical science and clinical research.* 2017;5(6); 24098-241088.
36. Kaur P, Khurana A, Chauhan A. Primitive neuroectodermal tumor (PNET) of liver: A case report. 17th Annual International Conference RGCON2018, 9-11th February 2018, New Delhi.
37. Balasubramanian N, Kaushal V, Kumar Y, Patel NP, Dhull AK. Source on position leakage measurement from source housing of Telegamma unit over the period of 36 months – a retrospective analysis. *Journal of Medical Physics, Abstract Book of AMPICON 2017, ABS0219.*
38. Mukutawat P, Kaushal V, Dubey M, Dhankhar R, Atri R, Dhull AK. Basal Cell Adenocarcinoma of Parotid Gland: A Rare Tumor Entity: Case Report and Review of Literature. Presented In RGCON 2018, New Delhi On 10th February 2018.
39. Bhardwaj S, Dhankhar R, Dubey M, Kaushal V, Atri R, Dhull AK. Bisphosphonate Related Osteonecrosis of Jaw (Bronj) In a Woman with Carcinoma Breast. Presented In RGCON 2018, New Delhi on 10th February 2018.
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41. Nongkynrih A, Kamboj K, Dhull AK, et al. Miraculous response to radiotherapy in a rare case of malignant nodular hidradenoma nose. *J Cancer Prev Curr Res.* 2018;9(3):97-99. DOI: 10.15406/jcpcr.2018.09.00328 ISSN: 2373-633X.
42. Sekhon JS, Naik N, Bansal P, Bansal I, Dhull AK, Goel A, et al. Practical consensus recommendations for gestational breast cancer. *South Asian J Cancer* 2018;7:115-7. 105867 (E ISSN: 2278-4306 P ISSN: 2278330X). DOI: 10.4103/sajc.sajc_115_18 PMID: 29721476 [PubMed]; PMCID: PMC5909287.
43. Nongkynrih A, Dhull AK, Kaushal V, Atri R, Dhankhar R, Kamboj K. Comparison of Single Versus Multifraction Radiotherapy in Palliation of Painful Bone Metastases. *World J Oncol.* 2018;9(3):91-5. doi: <https://doi.org/10.14740/wjon1118w>. World Journal of Oncology, ISSN 1920-4531 print, 1920-454X online.
44. Dhull AK, Atri R, Dhankhar R, Chauhan AK, Kaushal V. Major Risk Factors in Head and Neck Cancer: A Retrospective Analysis of 12-Year Experiences. *World J Oncol.* 2018;9(3):80-84. doi: <https://doi.org/10.14740/wjon1104w>. World Journal of Oncology, ISSN 1920-4531 print, 1920-454X online.
45. Kumar T, Dhull AK, Atri R, Dhankhar R, Kaushal V. Comparison of two palliative radiotherapy schedules of radiotherapy in locally advanced head and neck cancer. *J Cancer Prev Curr Res.* 2018;9(4):164-167. DOI: 10.15406/jcpcr.2018.09.00342. ISSN: 2373-633X.
46. Bansal V, Dhull AK, Kaushal V. Clinicopathological Evaluation of Leiomyosarcomas: A Study of Ten Cases. *Journal of Medical Science and Clinical Research (JMSCR).* 2018;06(05):403-6 May 2018. DOI: <https://dx.doi.org/10.18535/jmscr/v6i5.64>. ISSN (e)-2347-176x ISSN (p) 2455-0450. Index Copernicus Value: 71.58.
47. Bansal V, Dhull AK, Atri R, Kaushal V, Dhankhar R. Parotid Gland Lymphoma: A Rare Entity. *International Journal of Health Sciences & Research (J Health Sci Res.)* 2018; 8(6):366-8. Issue: 6 June 2018. ISSN: 22499571.
48. Dubey M, Dhull AK, Dhankhar R, Kaushal V, Atri R. Extraskelatal Ewing Sarcoma: A Case Report. *Asian J Radiation Oncol.* 2018;1(1):26. (ISSN 2347-5879)
49. Sehgal SA, Dhull AK, Chauhan A, Kaushal V. Review of Agents Implicated in Prevention and treatment of Oral Mucositis. *Asian J Radiation Oncol.* 2018;1(1):43. (ISSN 2347-5879)

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51. Mukutawat P, Dhull AK, Dhankhar R, Kaushal V, Atri R, Gupta P, et al. A Comparative Evaluation of Two Palliative Radiotherapy Schedules in Locally Advanced Head and Neck Carcinoma. *Asian J Radiation Oncol.* 2018;1(1):50. (ISSN 2347-5879)
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Indexing/ Citation status

Sr No.	Name of Faculty	Number of citations	h-Index	Number of publications	i10-index
1	Dr Vivek Kaushal	1279	19	292	39
2	Dr Ashok Chauhan	328	8	106	6
3	Dr Rakesh Dhankhar	468	12	97	19
4	Dr Rajeev Atri	189	9	77	9
5	Dr Paramjeet Kaur	25	3	66	1
6	Dr Narayan P. Patel	47	4	35	2
7	Mr Nagappan Balasubramanian	5	1	26	0
8	Dr Abhishek Soni	138	7	59	6
9	Dr Shailley	NA	NA	11	NA
10	Dr Garima	NA	NA	5	NA

Number of papers published in peer reviewed journals (national / international): 114

- * Monographs: Nil
- * Chapters in book: Three
- * Edited Books: Nil

- *Books with ISBN with details of publishers: Nil
- * Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): 46
- * Citation Index – range- / average 2 to 336 /106
- * SNIP 0.00 – 2.11 / 1.11
- * SJR: 0.00 – 2.41 / 1.20
- * Impact Factor – range / average 0.00 – 2.984 / 1.49 * h-index - 70

Faculty serving in

- a) National committees b) International committees c) Editorial Boards d) any other (Reviewer) : 8
 - i. Journal of Cancer Research & Therapeutics
 - ii. Asian Journal of Radiation Oncology
<http://austinpublishinggroup.org/clinical-case-reports>

Awards / recognitions received at the national and international level by

- Dr Vivek Kaushal received AROI international overseas fellowship for Radiation Oncologists for the year 2012.
- Dr N. P. Patel received “Young Investigator Award” for the year of 2006, by Association of Medical Physicist of India (AMPI), during AMPICON 2006 at Bhubaneswar.
- Dr N.P. Patel received AROI national fellowship for Medical Physicist for the 2012.
- Mr N. Balasubramanian received “AMPI Meritorious Medical Physicist Award” for the year of 2014 by Association of Medical Physicist of India (AMPI), during AMPICON 2014 at Pravara Medical College, Loni, Maharashtra.
- Sehgal SA, Dhull AK, Chauhan A, Kaushal V, presented paper on “Review of Agents Implicated in Prevention and treatment of Oral Mucositis” and printed in Asian J Radiation Oncol. 2018;1(1):43. (ISSN 2347-5879). Achieved first prize in best proffered category in 24th North Zone Annual Conference of Association of Radiation Oncologists of India, NZAROICON-2018 held in Chandigarh from 15th -16th September 2018.
- Dhull AK, Kaushal V, Gupta P. Palliative Care in Cancer. Achieved best poster presentation in Apollo Cancer Conclave from 24-27 Jan 2019 at Chennai. •
- Kaushal V. Awarded Prof. B. D. Gupta oration, on “Artificial Intelligence and Cancer”, in Conference of North Zone Association of Radiation Oncologists of India, NZAROICON 2019, held in Amritsar.
- Kaushal V. Awarded Keynote address on “Current status and future prospects of Ultra-Hypofractionation in Radiation Oncology, in 41st Annual Conference of Association of Radiation Oncologists of India (AROICON 2019), Ahmedabad.

Faculty as members of ICRO:

- Dr Vivek Kaushal

Workshops organized:

- NZAROICON-2014

Contributions of the Department in generating new knowledge, basic or applied:

- Dr Vivek Kaushal's research has been quoted in International book (Text Book of Radiation Oncology by Perez)
- Dhankhar R, Dahiya K, Omparkash, Verma M, Soni A. Innovations in Medicine and Medical Research. First edition Vol. 2. London:Book Publisher International, 2020. Chapter 11: Immunotherapy Using Mycobacterium w Vaccine in Locally Advanced Head and Neck Cancer: Illustrative Research.

PG TEACHING SCHEDULE

Days	Teaching schedule
Monday	Clinical Meeting , Research Forum as per PGIMS hospital roster
Tuesday	Seminar/ Journal Club as per departmental roster
Wednesday	Seminar/ Journal Club as per departmental roster
Thursday	Radiation Physics/ Treatment planning Practical on Radiation Oncology machines
Friday	PG Theory class/ case discussion
Saturday	Case discussion every week

Functioning of Radiation Oncology Department

- i. Patient care, specifically treatment of cancer patients using radiation therapy and/or chemotherapy along with palliative care.
- ii. Teaching and training of under-graduate medical students, postgraduate medical students and paramedical technical staffs along with research work.
- iii. Other miscellaneous works like educating common people about prevention of cancer, exchange of management techniques, updating and departmental administration. As radiation is hazardous and very harmful for the normal structures of the human body it should be very carefully, accurately and precisely planned and delivered. Therefore, a proper and accurate Radiation Oncology planning and dose calculation is essential for each patient before delivering the Radiotherapy.

Various Sections of Radiation Oncology Department

- i. Out Patient Department (OPD): Radiation Oncology department runs daily OPD. Here new and old cancer patients on follow up are managed.
- ii. Teletherapy section: The department has three Cobalt-60 teletherapy machines. Here, a beam of radiation emitted from the above mentioned machines treats patients.
- iii. Brachytherapy section*: In January 2005, state of the art HDR Brachytherapy facilities were commissioned in Department of Radiotherapy. Here patients are treated by placing radiation source directly inside the tumor. *However, presently this machine is decommissioned and procurement of new machine is in pipeline.
- iv. Chemotherapy section: Here cancer patients are daily treated by chemotherapy/biologic therapy on OPD and indoor basis.

General layout Structure of Radiation Oncology Machines

Sr.	Name of Facility	Area (Sq. meter)	Remarks
1)	For Teletherapy (3 units)	460	All 3 units functional#
2)	For Intracavitary	71	New HDR machine purchase is under process
3)	For Interstitial Implant	Do	
4)	For Radio-Active-Material Storage	15	Functional
5)	For Radio-therapy Planning (manual)	37	Functional
6)	For Radio-Diagnosis section dedicated to Radiation Oncology a) For Simulator ^ b) For Marker X-rays. c) For Ultrasonography d) For other imaging	102	Condemned New Simulator machine purchase is under process
7)	Computer Room	46	Functional
8)	Medical Physics Lab	30	Functional
9)	Radio-Biology Lab	Biotechnology lab	Functional
10)	Medical Illustration and Photography	--	--
11)	Dedicated O.T. (Major O.T.)	96	Functional
12)	Indoor Beds	60	Functional
13)	Day-care for Chemotherapy	43	Functional

Information of MD Radiation Oncology Students/ Residents

Sr. No.	Name	Respective Rank All India/ State / HCMS	Date of joining	Name of PG Teacher
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1.	Dr Elisha Servorip Targain	All India Rank 54986	03.07.2020	Dr. Ashok Chauhan
2.	Dr Kartik Gupta	State Quota (All India Rank 15864)	24.07.2020	Dr. Vivek Kaushal
3.	Dr Joginder	State Quota (All India Rank 12096)	30.07.2020	Dr. Paramjeet Kaur
4.	Dr Diksha Sukhija	State Quota (All India Rank 14951)	30.07.2020	Dr. Ashok Chauhan
5.	Dr Jagroop	State Quota (All India Rank 31653)	30.07.2020	Dr. Rajeev Atri
6.	Dr Meenakshi	State Quota (All India Rank 65979)	04.08.2020	Dr. Rakesh Dhankhar
7.	Dr. J Mohammed Hussain	All India Rank 11740	01.02.2022	Dr Vivek Kaushal
8.	Dr Prateek	All India Rank 24664	03.02.2022	Dr Ashok Chauhan
9.	Dr Arlan Challam	All India Rank 47502	10.02.2022	Dr Vivek Kaushal
10.	Dr Prajwal R	All India Rank 27212	25.02.2022	Dr Rakesh Dhankhar

11.	Dr Maneesha Yadav	All India Rank 22319	10.03.2022	Dr Paramjeet Kaur
12.	Dr Anoop	All India Rank 56030	12.03.2022	Dr Rajeev Atri

Radiation Oncology Technician, Regional Cancer Centre, PGIMS Rohtak

RT Technician	1. Mr Ashok Kumar 2. Mr Ashwani Kumar 3. Mrs Raman 4. Mrs Neelam 5. Mrs Shashi Kalan 6. Mr Parveen Kumar 7. Mr Shilwant
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Ministerial Staff in the Department: Mrs Suman Rani, Stenographer, Phone: 2246

REGIONAL CANCER CENTRE Rohtak



V. Patel
5/8/22
Sr. Prof. & Head
Department of Radiation Oncology
Pt. B.D. Sharma PGIMS, Rohtak

