

PROFILE

Dr Col. CS Pant VSM is a renowned Breast Radiologist in the country and is considered last word in the field of Breast Imaging. He has been working in the field of Breast Radiology since 1986. After a distinguished career in the prestigious Institute of Nuclear Medicine and Allied Science (INMAS), Delhi, India, he established a dedicated Breast Imaging Centre in the private sector in 1993, having facilities of Mammography, Ultrasound and Ultrasound Guided Interventional procedures (FNAC/Wire localization) under one roof. Over the years, he is the most sought after speaker on breast imaging in most regional/national conferences, besides being an authority in the field of breast imaging, he is also the founder and Current National President of Breast Imaging Society of India and Past National President of Indian Radiological and Imaging Association. Recently he was invited by EUSOBI (European Society of Breast Imaging) during the annual conference held on 26th, 27th September 2014 at Amsterdam to share his views on current status of Breast Cancer in India.

Important Milestones

- 1) Awarded " Vishist Seva Medal " on 26 Jan. 1987 by His Excellency President of India.
- 2) President Indian Radiology and Imaging Association 2003.
- 3) Founder National President Breast Imaging Society (India) 2013-2015
- 4) Chairman "Forum for Breast Cancer Protection" an NGO responsible for creating breast cancer awareness
- 5) Chairman "Aarohi" (NGO in Uttarakhand) involved in Health , Education and Livelihood program
- 6) Authored "**Atlas of Breast Imaging**" 2002 and second updated Edition 2012 Published by Jaypee Brothers Medical Publishers Pvt Ltd Delhi one of the leading Medical publishers in India. **This is the first and only book on Breast Imaging authored by an Indian in this sub continent.**
- 7) Conceived, designed & developed " Uttaranchal Mobile Clinic and Research Project" a unique state of art Health Care Model for poor and needy people of far flung areas of Uttaranchal.
- 8) Awarded consultancy by WHO in 1995 to conduct a bench workshop in Ultrasound in 1995 in Dhaka and Colombo.
- 9) Awarded " K.M. Rai Oration 1994" by Indian Radiological & Imaging Association.
- 10) Awarded " Brig S.K. Muzumdar Oration " on 21 Jan 1989 by Delhi Medical Association.
- 11) Awarded " Dr.Panna Lal Oration " on 19 Nov 1989 by Indian Radiological and Imaging Association U.P. chapter.
- 12) Awarded " Seth Hira Lal Oration" on 27 July 1992 by Indian Medical Association Meerut chapter.
- 13) Awarded 3rd Dr.M.S. Diwedi Memorial Oration by Indian Radiological and Imaging Association Indore Branch Mar 29 2003.
- 14) Awarded Bhagwan Das Memorial Award 2006 by Punjab Academy of Sciences
- 15) Awarded PHD Chambers of Commerce Award 2007 for Outstanding Contribution in Social Welfare
- 16) Awarded distinguish service Award by Indian Radiology Imaging Delhi Chapter in 2011

- 17) Invited as Core member by IAEA Vienna for developing strategies for Member States on Early Breast Cancer Detection July 2010.
- 18) Invited by IAEA Vienna as an expert to develop Atlas on Breast Imaging May 2015.
- 19) Invited as a guest speaker at European Society of Breast Imaging (EUSOBI) in September 2014 at Amsterdam to discuss current status of Breast Cancer in India.

Publications :

- 1) **Book published : Atlas of Breast Imaging with Mammography, Ultrasound and MRI correlation : First Edition 2001 and Second edition 2012. To best of my knowledge this is the first and only book authored by an Indian Radiologist.**

Invited speaker

For major Regional & National and International Conferences on Breast Imaging for the last 30years.

Professional Accomplishments

I was responsible for establishing first dedicated early breast cancer detection centre in the country in 1993 having facilities of Mammography/Ultrasound, Ultrasound Guided Interventional procedures (FNAC/Wire localization) under one roof. Large number of patients have been benefitted over the years due to early detection and are leading a normal life. I am also the founder and current National President of "Breast Imaging Society of India" which is responsible for Human resource development in the field of breast imaging leading to opening of many centres providing facilities for early breast cancer detection and thus saving many precious lives.

Recently I was invited by "European Society of Breast Imaging(EUSOBI)" in Amsterdam Sept 26,27 2014 to share my views on current status of Breast Cancer and Imaging in India. The title of the session being " EUSOBI meets India".

I have also authored a book "Atlas of Breast Imaging" with Mammography, Ultrasound and MRI correlation published by Jaypee Brothers (Second Edition published in 2012). This book is first on Breast Imaging by an Indian Author and is very popular with Radiologist/Clinicians engaged in the field of Breast diseases.

I was also responsible for training large numbers of doctors in the field of Ultrasound which I started in 1992 at the prestigious Institute of Nuclear Medicine and Allied Sciences (INMAS), Delhi, a DRDO set up. I have contributed immensely for the cause of Radiology in the country and was the National President of Indian Radiology and Imaging Association in 2003.

Social Activities

Besides being a pioneer in the field of Early breast cancer detection I have been actively involved with various social activities , The important being :-

1) **As a Chairperson – Forum for Breast Cancer Protection**
(www.breastcancerprotection.org)

Youtube Link : - The YouTube links for the educational films mentioned above are as follows:

A Guide to Breast Self Examination (Hindi):

https://www.youtube.com/watch?v=KxQ90MMsPMk&list=UUh0cp_hVgmjxU2mJ_xjG4kg

A Guide to Breast Self Examination (English):

https://www.youtube.com/watch?v=mD6rzIGAIRM&list=UUh0cp_hVgmjxU2mJ_xjG4kg

We Can Defeat Breast Cancer (English):

https://www.youtube.com/watch?v=DaOiFFSPpbE&list=UUh0cp_hVgmjxU2mJ_xjG4kg

We Can Defeat Breast Cancer (Hindi):

https://www.youtube.com/watch?v=rmKYGYHeDuU&list=UUh0cp_hVgmjxU2mJ_xjG4kg&index=3

<http://www.youtube.com/user/forum4breastcancer>

Forum for Breast Cancer Protection 'An NGO set us in 2001 to create awareness among women about various Breast Cancer and the advantages of early detection, this goal is achieved through various awareness programmes conducted at women's clubs, colleges, schools and in the corporate offices having large women population. Besides forum had produced four educational films namely :-

1) "A Guide to Breast Self Examination" launched in March 2007 -The film teaches women the importance of Breast Self Examination and explains the technique of self examination. The prominent film/TV personalities namely Sakshi Tanwar , Aparna Mehta and Shweta Keswani have also participated in the film.

2) "We can defeat Breast Cancer" launched in 2012- This 20 minutes highly acclaimed educational film deals with all aspects of breast cancer. The film is shown at regular intervals at various women forum where I or my colleagues interact with audience on various aspects of breast cancer.

3) "Voice of strength and voice of hope" launched in 2013- The film involves 15 breast cancer survivors/spouses who share their experiences as to how they are coping with this dreaded disease. The film is very useful for newly diagnosed breast cancer patients.

4) "Join the Crusade Against Breast Cancer "- The 20 minutes film was launched on 25 Oct 2014 for the benefit of Gynecologists and family physicians to understand various aspects of breast cancer who are generally not well aware about the signs/symptoms of Early Breast Cancer leading to delay in the diagnosis and treatment.

2) As a Director Uttaranchal Mobile Hospital and Research Centre

Uttaranchal Mobile Hospital and Research Centre (UMHRC) a unique example of mobile health care programme which provided modern diagnostic and creative healthcare to poor and needy people at their door step in remote, under served and inaccessible areas of Uttarakhand was conceived and executed by me in the capacity of Director. The unique programme was launched by the then President 'Dr.APJ Abdul Kalam at Almora on 19 Oct 2002. The salient features of the project were :

- I. First of its kind in the country wherein modern diagnostics (state of art X-Ray, Ultrasound, Pathology Lab with auto analyzer and ECG) and treatment was provided to the poor and needy people of Uttarakhand's remote and inaccessible areas.
- II. Every month 15 camps were held at a fixed place and date (irrespective of Sundays and Holidays). The routes were clearly mapped out and all locations and times were known in advance to the population. From October 2002 till May 2008, a total of 1018 camps were organized with 98521 patients received treatment (53% belong to below poverty line who were offered both diagnostic and treatment facilities free of cost and 60% comprised women who had no access to any kind of treatment.
- III. The team comprised of one lady RMO, one Radiologist, one Physician, the Paramedical team (one -x-Ray, Lab and ECG technician), a Pharmacist, receptionist, female medical attendant and 3 drivers)

This not only benefitted directly the poor and vulnerable populations of Uttarakhand but has also ushered in an innovative technology, rigorous processes and a unique public private partnership (PPP) to reach such populations in other regions and has widely been accepted across the country.

3) As a Chairperson – AAROHI (www.aarohi.org)

Aarohi is a not-for-profit grassroots organization, involved in integrated rural development in the Central Himalayan region of Uttarakhand. Our mission is creating development opportunities for rural Himalayan communities through quality healthcare and education, enterprise promotion, sustainable natural resource use, and the revival of traditional culture.

Aarohi works in the temperate and sub-tropical mountain region, between 1000-3000 meters above mean sea level in Kumaon, Uttarakhand.

Health : Core activities – The community Health Program systematically addressed essential health issues affecting lives of women and children through the training of traditional birth attendants, health workers, women and school children. A rural cottage hospital provides outpatient, inpatient, diagnostic, emergency and surgical care services treating an average of 4,000 patients yearly. In addition, Aarohi reaches out to six extremely remote villages through mobile camps in the Pindari river basin, benefitting appx 500 people every year.

Monthly surgical camps at the hospital bring in volunteer doctors from fields of General Surgery, ENT, Ophthalmology, Gynecology, Reconstructive Surgery, Radiology, Pediatrics and Internal Medicine.

Education – A hindi medium middle school, caters to 168 children from 12 villages. It upholds ' the vision of holistic development of the child in a joyful environment' by focusing not only intellectual learning but also on physical, emotional and spiritual growth. The teachers combine the medium of play, song, dance, art, sport and adventure to make the learning process vibrant and interactive . With a large sports ground, a library, science room, computer room, skills development centre and a kitchen, ABS has become a centre for excellence for some of the most marginalized children in the country. The education program also reaches out to over 1,000 children from 30 government schools with inputs in health and environmental education, sports and culture.

Livelihood programme – Small –scale Rural Economic Enterprises that are in harmony with the environment and provide supplementary income to the farmers & village women include the Apricot and the Herb Growers initiatives. Sale of premium quality natural products like apricot oil and scrub, handmade soaps, culinary herbs such as rosemary, thyme, parsley, oregano and many more, benefits hundred of small farmers in the remotest of villages by providing alternative livelihood and employment opportunities.