



DR. VARINDER GARG

FATHER'S NAME

SH. SURINDER MOHAN GARG

MOTHER'S NAME

SMT . RAKSHA DEVI

DESIGNATION

OSD TO PRESIDENT,
PGIMER , CHANDIGARH
(PGIMER.EDU.IN)
DOB : MAY 01 , 1976

CAREER OVERVIEW

Radiologist by Profession and works at PGIMER as OSD to Union Health Minister, Government of India and President PGIMER, Chandigarh.

CONTACT DETAILS

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Advance Cardiac Center ,
PGIMER , Sec 12 , Chandigarh

PROFESSIONAL APPOINTMENTS

OSD to President PGIMER (UNION HEALTH MINISTER, INDIA)

Principal Investigator of ICMR- CIBioD
PGIMER Chandigarh | November 2014 - Present
Medical Officer (PCMS-1)
Department of Health, Govt. of Punjab | 2007-2014
Medical Officer (HCMS-1)
Department of Health, Govt. of Haryana | 2002-2007
Emergency Medical Officer
Govt. Medical College, Chandigarh | 2002-2003

ACADEMIC BACKGROUND

Government Medical College, Patiala, India

M.D. (Radiology) | June 2012

Government Medical College, Patiala, India

M.B.B.S | June 2001

PATENTS GRANTED (07)

- ♦ "Censy: A Portable Currency Sanitizing Wallet Device"
Published on 19 November 2021 in Indian Patent Registry.
(Application No. 337357-001, Publication No. 47/2021)
- ♦ "Rakshak-GH : Screening cum Disinfect Chamber" Published
on 29 October, 2021 in Indian Patent Registry.
(Application No. 331372-001, Publication No. 44/2021)
- ♦ "Reusable Air Purifying Respirator/ Snorkel Mask"
Published on 29 July 2022 in Indian Patent Registry.
(Application No. 3438,71-001 Publication No. 30/2022)
- ♦ Ambu-bag System/ JEE1 Published on 03 February, 2023 in
Indian Patent Registry **(Application No. 376249-001,
Publication No. 05/2023)**
- ♦ "Diagnostic Health Kiosk for monitoring health parameters"
Published on 22 July 2022 in Indian Patent Registry.
(Application No. 346372-001, Publication No. 29/2022)
- ♦ "Electronic Wallet" Published on 27 January 2023 in Indian
Patent Registry. **(Application No. 337357-001, Publication
No. 04/2023)**
- ♦ "e-Stethoscope" Published on 17 March, 2023 in Indian
Patent Registry. **(Application No. 361679-001, Publication
No. 11/2023)**

PATENTS PUBLISHED (11)

- ♦ "Antiviral Coating materials and method of
preparation thereof" published on 07 August, 2020 in

Indian Patent Registry (**Application No. 202011027405**)

- ♦ "Censy: A Portable Currency Sanitizing Wallet Device" Published on 28 August, 2020 in Indian Patent Registry. (**Application No. 202011031887**)
- ♦ "Live Attenuated Vaccine for Lishmaniasis and method thereof" published on 27 Nov 2020, in Indian Patent Registry (**Application No. 202011046500**)
- ♦ "Reusable Air Purifying Respirator/ Snorkel Mask" published on 26 February, 2021 in Indian Patent Registry (**Application No. 202111007125**)
- ♦ "Antimicrobial, Antiviral and Fluid repellent textile" published on 16 July 2021 2022 in Indian Patent Registry (**Application No. 202111027071**)
- ♦ "Censy Office Manager" published on 03 March, 2023 in Indian Patent Registry (**Application No. 202111031255**)
- ♦ "Chemical-free Car-boot Disinfectant" published on 03 March, 2023 in Indian Patent Registry (**Application No. 202111032486**)
- ♦ "Intelligent Patient Care System" published on 10 March, 2023 in Indian Patent Registry (**Application No. 202111034970**)
- ♦ "Aarogya Prahari" published on 17 March, 2023 in Indian Patent Registry (**Application No. 202111038746**)
- ♦ "Quantitative Sensory Testing" published on 21 April, 2023 in Indian Patent Registry (**Application No. 202111046717**)
- ♦ "Antimicrobial Metallo-detergents as disinfectants: smart materials for fighting community acquired infections" filed on 03 February, 2023 in Indian Patent Registry (**Application No. 202211075330**)

PATENT FILED (10)

- ♦ "Digital Walker/Medical Rambler" filed on 9 March, 2022 in Indian Patent Registry (**Application No. 202211012715**)
- ♦ "Epiderma" filed on 14 June, 2022 in Indian Patent Registry (**Application No. 202211034085**)
- ♦ "A portable and rechargeable digital automatic ambu-bag system for emergency mechanical ventilation /JEE-1" filed on 26 December, 2022 in Indian Patent Registry (**Application No. 202211075670**)
- ♦ "A Biodegradable Automated Pooping System and a Process for the Preparation Thereof" filed on 22 April, 2023 in Indian Patent Registry (**Application No. 202311029243**)
- ♦ "Abdominal Wall and Peritoneal Adjustable Drape Cum Retractor" filed on 12 June, 2023 in Indian Patent Registry (**Application No. 202311040096**)
- ♦ "A Rapid and Sensitive Method For Detecting Amoebic Liver Abscess" filed on 14 August, 2023 in Indian Patent Registry (**Application No. 202311054689**)
- ♦ "Health Kiosk" filed on 14 August, 2023 in Indian Patent Registry (**Application No. 392769-001**)
- ♦ "Health Kiosk" filed on 28 August, 2023 in Indian Patent Registry (**Application No. 393899-001**)
- ♦ "Health Kiosk" filed on 28 August, 2023 in Indian Patent Registry (**Application No. 393901-001**)
- ♦ "Health Kiosk" filed on 28 August, 2023 in Indian Patent Registry (**Application No. 393912-001**)

PATENT FILED, PUBLISHED & GRANTED UNDER MY LEADERSHIP(05)

- ♦ "Traditional Mask (Gamchaa)" filed on 29 July, 2020, **Granted** under Design Office in Indian Patent Registry (**Application No. 331445-001**)
- ♦ "An information processing apparatus and method for continuous estimation of arterial

blood pressure (ABP)" published on 10 September 2021 in Indian Patent Registry (**Application No. 202111038774**)

- ♦ "Face shield for Nasolaryngoscopy Procedure" published on 29 April, 2022, **Granted** under Design Office in Indian Patent Registry (**Application No. 342274-001**)
- ♦ "Face shield with neck band for Nasolaryngoscopy Procedure" published on 27 May, 2022, **Granted** under Design Office in Indian Patent Registry (**Application No. 342275-001**)
- ♦ "Variational Mode Decomposition for Estimating Respiratory Signal" published on 03 June, 2022 in Indian Patent Registry (**Application No. 202211028715**)

PATENTS ACCOMPLISHED- 33

HEALTH PLANNING AND STRATEGIES

- ♦ Working as Officer on Special Duty to President of Post Graduate Institute of Medical Education and Research (PGIMER) - an Institute of National Importance. Serving Honorable Union Health Minister of India (President, PGIMER) since November, 2014 and have been involved in the planning, strategizing of the various health schemes and projects in the field of primary, secondary and tertiary healthcare.
- ♦ Convened **India Health Conclave** which aimed at promoting India as a new hub for affordable medical equipment & medicine and making health care facilities accessible to people living in rural and suburban India. This conclave highlighted importance of the traditional Indian system of medicine (Ayurveda) and Yoga and its concurrent use with modern medicine to improve patient outcomes and longevity.
- ♦ Founded **Society for Affordable Healthcare (SAH)** which focuses on out of box brainstorming to find indigenous solutions for complicated health problems. Aim is not only to promote the health services of the nation but to develop India as a Global destination for Healthcare Industry.

CONTRIBUTION IN THE FIELD OF TELEMEDICINE

As the Principal Investigator of ICMR- Centre for Innovation & Bio-Design (CIBioD) and India health Conclave, dedicated to promote the interdisciplinary translational research for the development of technology based "**futuristic healthcare delivery model**", to explore the repurposing of the cutting edge technologies for deployment in the medical field for making quality healthcare accessible, affordable scalable and sustainable at the first point of contact for remote, rural and marginal population with the aim of lowering the carbon footprints of the primary health care ecosystem. To take this initiative manifold step ahead ICMR- CIBioD displayed **Futuristic Healthcare Delivery Kiosk** at the **ICMR pavilion during G20 Health Summit in Hyderabad** to strengthen Tele-Health to build accessibility to quality & affordable healthcare in India. This kiosk based Futuristic Healthcare Delivery Model has potential to revolutionize the availability, quality, affordability and outcome of the primary health services at first point of contact in the rural and remote areas.

EXTENSION & RESEARCH INTERACTIONS

- ♦ Convener, Indian Health Conclave-2019 (Honorable Union Health Minister participated in

the conclave).

- ♦ Organizing Secretary, Workshop on Affordable Health Care at PGIMER, 2018
- ♦ Co-Convener, Workshop on Medical Devices and Indian Perspective at UIET, 2017.
- ♦ Expert Lecture on Making Hospitals Eco-Friendly at GCET-2018, PU, Chandigarh.
- ♦ 20+ Webinars for Training of young scientist and entrepreneurs.
- ♦ Panel Expert in Economics Times Health Leadership Summit 2021.

THINK-TANK INITIATIVES

- ♦ **Founder President, Society for Affordable Healthcare (SAH):** A think tank of stakeholders, active since 2016. Focuses on the various aspects of patient care including affordable medicines and health technologies, think tank working for making healthcare affordable. Organized India Health Conclave December 2018 in New Delhi.
- ♦ **Mentor of Global Alliance of Doctors of India Origin (GADIO):** To promote the innovation and entrepreneurship in the field of healthcare.
- ♦ **Mentor of Global Alliance of Nurses of India Origin (GANIO):** To promote the innovation and entrepreneurship in the field of healthcare.
- ♦ **Mentor of World TeleHealth Federation (WTF):** To expedite the deployment of cutting-edge technologies like AI, ML, Big data, Blockchain, and etc. into the telemedicine.

SOCIAL ACTIVITIES

- ♦ Produced three documentaries on :
 - i) Surinder Kaur, Punjab Di Koyal - on the life and works of Legendary Punjabi Singer
 - ii) Kesar Singh Narula, eminent Gurbani Music Director and father of renowned Bollywood Singer Dr. Jaspinder Narula
 - iii) Aahar Kranti for Millet promotion-to tackle the NCD menace and ecological Challenges through millet use and cultivation.
 - iv) Ve Pandrah Din, based on famous book written by Sh. Prashant Pole.
- ♦ Conceived and Executed the translation, editing & publishing of five books based on History, Culture and Contemporary topics.
- ♦ Founder of Sapat Sindhu - A YouTube Channel: To explore the history and culture of India, particularly Punjab. (2021)
- ♦ Founder of Punjab Khabar Vichar- To create awareness, among Punjab youth about the contemporary issues. (2021)
- ♦ Organized Many Virtual Interviews on Agriculture Issue to Spread Awareness About New Farm Laws at various eminent places. (2020)
- ♦ Founder of SCEEFF - (Scheduled-Cast Ekta Empowerment Forum) umbrella organization of around 150+ activists & 60+ organizations of Socio-Economical Backward Classes. (2019)
- ♦ Founder of Nivedita Charitable Trust: Focus on Health, Environmental Conservation, Nutrition, Self Help Group, General Awareness, Youth groups, Preventive and Promotive Healthcare. (2019)
- ♦ Founder of Intellectual for Nation involving 22 Faculty, 7 Wardens, 38 Research scholar in Panjab University. (2018)
- ♦ Organized many Intellectual activities- One on life and philosophy of Shri Guru Nanak Dev Ji, One to discuss the ideas of Dr. BR Ambedkar Ji, One on History and Culture of Punjab.(2017)

- ◆ Organized Two Inter College Workshops (117 colleges at Patiala and 106 colleges at Amritsar) to connect medical students and faculty with teachings of Swami Vivekanand. (2013-14)
- ◆ Organized Swami Vivekanand 150th Birth Anniversary: 1000 doctors Program at Government Medical College Patiala. (2013)
- ◆ Organized Bharat Jago Doud: Run for Nation - 4500+ participants (2013)
- ◆ Organized Vivekanand Carnival on Lohri - 2500+ visitors and 300 Participants (2013)
- ◆ Founder of Medico for Nation - 100 + doctors' member, around 15 programs over 4 years. (2009- 2014)