



The Evolution of Precision Medicine -

Educational Insights on Biomarkers in Solid Cancer

Course Prospectus



Preface

Nepal Cancer Hospital and Research Center (NCHRC) is organizing a virtual educational program named "The Evolution of Precision Medicine – Biomarkers in Solid Cancer." This collaborative effort joins hands with esteemed partners, including SFON, NESRO, NESMO, and ACPN, with the invaluable support of 4baseCare Oncosolutions India.

The crux of this initiative is to bestow a wealth of educational excellence upon **Nepal's medical community.** By facilitating an understanding of biomarkers within the context of solid cancer, our shared objective is to extend the reach of **bio-marker-guided precision therapy** to a greater number of deserving cancer patients.

4baseCare Onco Solutions Pvt Ltd, India, An illumina Accelerator Company headquartered in Singapore and operates a state-of-the-art cancer genomics laboratory in India. **4baseCare** is actively developing cutting-edge precision oncology solutions using **advanced genomics and next-gen digital health technology** to give cancer patients the best chance at fighting cancer.

This program stands as a testament to the power of collaboration and knowledge sharing, fostering a brighter and more precise future for cancer care.

About the **Programme**

This live **E-learning based program** is specifically designed to provide **Practicing Oncologist, Pathologist, Residents and Fellows of Oncology & Pathology** with the **skills** and **knowledge of genomics** that are required to gain a more competitive edge in their clinical practice and **improve** the **quality of life of our cancer patients**.

The is a **NMC-accredited program**, enabling participating doctors to receive **credit points** and will also receive a **Certificate** upon completion.

This Course will:



Provide a **detailed overview** of molecular aspects of **cancer genomics** and its applications in today's **Oncology Clinical practice**.

Provide the latest concepts in the **field of precision oncology** and the utility of the same in **cancer patient care**.



Provide insights to read NGS reports and how its interpretation, sample collection & handling and the basic criteria for a successful sequencing run of the tumor sample.



Enable Next-Gen Oncologists to utilize genomics in personalizing cancer treatment.

The programme is scheduled to commence on **Thursday**, **February 22, 2024**. The sessions will be on every Thursday **7:00 PM** to **8:00 PM** Nepal Time.

Course Curriculum SESSION 1 February 22, 2024 7:00 PM to 8:00 PM (NPT) Personalized Treatment for Solid Cancers: Guideline-Defined Biomarkers and CGP-Informed Approaches. Dr. Vidya Veldore, Clinical Director, 4baseCare February 29, 2024 7:00 PM to 8:00 PM (NPT) SESSION 2 Understanding Cancer Genomics: Fundamentals of Cancer Mutations. Dr. Vidya Veldore, Clinical Director, 4baseCare March 07, 2024 7:00 PM to 8:00 PM (NPT) SESSION 3 A Comprehensive Overview of Hereditary Cancer and Cancer Syndromes. Divya Uchil, Senior Genetic Counselor, 4baseCare March 14, 2024 7:00 PM to 8:00 PM (NPT) SESSION 4 Liquid Biopsy: An Emerging Diagnostic Tool for Cancer Detection. Dr. Vidya Veldore, Clinical Director, 4baseCare March 21, 2024 7:00 PM to 8:00 PM (NPT) SESSION 5 The Role of **Bioinformatics** in NGS Report Interpretation. Dr. Vidya Veldore, Clinical Director & Vyomesh Javle, Clinical Bioinformatics Team Lead, 4baseCare SESSION 6 March 28, 2024 7:00 PM to 8:00 PM (NPT) Challenges and Criteria for Sample Acceptance in NGS Testing. Dr. Sreekanth, Lab Head, 4baseCare **TOTAL COURSE DURATION - 6 HOURS**

The course duration is 1 hour **sessions** per week.

Who can Apply

This course is open to all Practicing Oncologist, Pathologist, Residents and Fellows of **Oncology & Pathology.**

Scan the below QR to register for the programme.



Our Patron



Dr. Sudip Shrestha Founder and Chairman Nepal Cancer Hospital and Research Center Nepal

Our Advisors



Dr.Gisupnikha Prasiko

President Nepalese Society of Radiotherapy & Oncology (NESRO) Oncologist - Nepal (SFO-N) Nepal



Dr.Bibek Acharya

President SAARC Federation of Nepal



Gandhi Cancer Institute in India.

Dr. Bijesh Raj Ghimire

Medical Director Nepal Cancer Hospital and Research Center Nepal



Dr. Sudip Shrestha, a prominent figure in the medical field, embarked on his journey in 1985, earning his MBBS from JIPMER, India. He furthered his expertise with an MD in Internal Medicine from Tribhuvan University, Nepal, and specialized in Medical Oncology at Rajiv

Dr. Shrestha's invaluable contributions to Bhaktapur Cancer Hospital, where he has been a dedicated member for an extended period, are noteworthy. As the Executive Chairman

of Nepal Cancer Hospital and Research Center, he continues striving for state-of-the-art

cancer treatment in Nepal. His visionary efforts include founding organizations for cancer

care and advocating for national health policies to cover cancer treatment in Nepal.

Dr. Hari Prasad Dhakal

HOD of Pathology Nepal Cancer Hospital and Research Center Nepal





Assocation of Clinical Pathology of Nepal (ACPN) Nepal



Dr. Bhola Prasad Rauniyar

President Nepalese Society of Medical Oncology (NESMO) Nepal









NEPALESE SOCIETY OF MEDICAL ONCOLOGY



SAARC FEDERATION OF ONCOLOGISTS - NEPAL



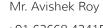


ASSOCIATION OF CLINICAL PATHOLOGISTS OF NEPAL

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