

FutureProofing Healthcare Podcast - Episode 4:

How Personalised Health Can Unleash the Power of Transformative Clinicians
With Tony Estrella, Dr. Rhoda Au and Nares Damrongchai

List of Sources

- Examples of transformative clinicians throughout medical history
 - Miller, G. (2021). Medscape.com website:
<https://www.medscape.com/features/slideshow/medical-breakthroughs#page=11>
 - The History of Anaesthesia. (2021). The Royal College of Anaesthetists website:
<https://rcoa.ac.uk/about-college/heritage/history-anaesthesia>
 - Microbiology Society. (2020). The history of antibiotics. Microbiologysociety.org website:
<https://microbiologysociety.org/members-outreach-resources/outreach-resources/antibiotics-unearthed/antibiotics-and-antibiotic-resistance/the-history-of-antibiotics.html>
 - Organization ending avoidable blindness - Fred Hollows in UK. (2020). The Fred Hollows Foundation website: <https://www.hollows.org/uk/home>
- Clip of Dr. James Larkin from Melanoma UK Video
 - Melanoma UK. (2019). Professor James Larkin - Melanoma Diagnosis Now [YouTube Video]. https://www.youtube.com/watch?v=hMMjFLJ_DKO (Excerpt can be found at 0:14)
- Dr. James Allison and Dr. Tasuku Honjo's cancer immunotherapy research and subsequent drug development
 - Merville, S. (2018, November 19). Pioneering cancer immunotherapy researcher Jim Allison's path to the Nobel Prize. MD Anderson Cancer Center website:
<https://www.mdanderson.org/publications/conquest/immunotherapy-innovator-jim-allisons-nobel-purpose.h36-1592202.html>
 - 2020 Global Cancer Immunotherapy Market Analysis & Forecasts: A \$143 Billion Market by 2025 - ResearchAndMarkets.com. (2020, November 12). Businesswire.com website:
<https://www.businesswire.com/news/home/20201112005587/en/2020-Global-Cancer-Immunotherapy-Market-Analysis-Forecasts-A-143-Billion-Market-by-2025---ResearchAndMarkets.com>
 - Ackerman, T. (2014, April 15). Jim Allison confronts cancer, critics with immunotherapy. SFGATE website:
<https://www.sfgate.com/health/article/Jim-Allison-confronts-cancer-critics-with-5405290.php>
 - The Iconoclast. (2016, October 19). Texas Monthly website:
<https://www.texasmonthly.com/articles/jim-allison-and-the-search-for-the-cure-for-cancer/>

FutureProofing Healthcare >>

- Groopman, J. (2012, April 16). The T-Cell Army. The New Yorker website: <https://www.newyorker.com/magazine/2012/04/23/the-t-cell-army>
- The Decade of Immunotherapy: Highlights from the 2010s. (2019). Cancer Research Institute website: <https://www.cancerresearch.org/blog/december-2019/2010s-decade-cancer-immunotherapy-highlights>
- Comprehensive Genomic Profiling and developments in cancer care
 - Spotlight on comprehensive genomic profiling. (2021). Roche.com website: https://www.roche.com/about/priorities/personalised_healthcare/comprehensive-genomic-profiling.htm
 - Advanced genomic testing. (2021, April 2). Cancer Treatment Centers of America: <https://www.cancercenter.com/treatment-options/precision-medicine/advanced-genomic-testing>
 - Comprehensive Genomic Profiling (CGP) | Cancer genomic profiling benefits. (2021). Illumina.com website: <https://www.illumina.com/areas-of-interest/cancer/clinical-cancer-research/cgp.html>
 - The Genetics of Cancer. (2012, March 26). Cancer.net website: <https://www.cancer.net/navigating-cancer-care/cancer-basics/genetics/genetics-cancer>
 - Malone, E. R., Oliva, M., Sabatini, P. J. B., Stockley, T. L., & Siu, L. L. (2020). Molecular profiling for precision cancer therapies. Genome Medicine, 12(1). <https://doi.org/10.1186/s13073-019-0703-1>
 - Advanced genomic testing. (2021, April 2). Cancer Treatment Centers of America: <https://www.cancercenter.com/treatment-options/precision-medicine/advanced-genomic-testing>
 - Singh, A. P., Shum, E., Rajdev, L., Cheng, H., Goel, S., Perez-Soler, R., & Halmos, B. (2020). Impact and Diagnostic Gaps of Comprehensive Genomic Profiling in Real-World Clinical Practice. Cancers, 12(5), 1156. <https://doi.org/10.3390/cancers12051156>
- Dr. Asher Chanan-Khan, Mayo Clinic video
 - Mayo Clinic. (2014). Sequencing of the Human Genome to Treat Cancer - Mayo Clinic [YouTube Video]. <https://www.youtube.com/watch?v=xVX-UL50tjo> (Excerpts can be found at 1:48 and 2:26)
- Examples of rare diseases and prevalence in Thailand
 - econochie. (2018, April 12). What is a rare disease? - Rare Disease UK. Raredisease.org.uk website: <https://www.raredisease.org.uk/what-is-a-rare-disease/>
 - List of Rare Disease Information - NORD (National Organization for Rare Disorders). (2019, January 31). NORD (National Organization for Rare Disorders) website: <https://rarediseases.org/for-patients-and-families/information-resources/rare-disease-information/>

FutureProofing Healthcare »

- Macmillan Publishers Limited, part of Springer Nature. (2020). Fast-tracking rare disease diagnosis and treatment. Nature.com website: <https://www.nature.com/articles/d42473-020-00209-6>
- Universal healthcare and rare disease reimbursement in Thailand
 - nationthailand. (2021, March 12). 24 rare diseases included in universal coverage, but challenges remain. Nationthailand website: <https://www.nationthailand.com/in-focus/30403625>
 - Bangkok Post Public Company Limited. (2020). 24 rare diseases added to UHC scheme. Bangkok Post website: <https://www.bangkokpost.com/thailand/general/1769189/24-rare-diseases-added-to-uhc-scheme>
 - Orphan Drugs and Rare Diseases: Thailand. (2020). PharmaBoardroom website: <https://pharmaboardroom.com/legal-articles/orphan-drugs-and-rare-diseases-thailand/>
 - Tangcharoensathien, V., Prakongsai, P., Limwattananon, S., Patcharanarumol, W., Jongudomsuk, P. (2007). Background to the Health Systems Knowledge Network. https://www.who.int/social_determinants/resources/csdh_media/universal_coverage_thailand_2007_en.pdf
 - Sumriddetchkajorn, K., Shimazaki, K., Ono, T., Kusaba, T., Sato, K., & Kobayashi, N. (2019). Universal health coverage and primary care, Thailand. Bulletin of the World Health Organization, 97(6), 415–422. <https://doi.org/10.2471/blt.18.223693>
 - World Health Organization: WHO. (2021, April). Universal health coverage (UHC). Who.int website: [https://www.who.int/news-room/fact-sheets/detail/universal-health-coverage-\(uhc\)](https://www.who.int/news-room/fact-sheets/detail/universal-health-coverage-(uhc))
- Framingham Heart Study
 - Mahmood, S. S., Levy, D., Vasan, R. S., & Wang, T. J. (2014). The Framingham Heart Study and the epidemiology of cardiovascular disease: a historical perspective. The Lancet, 383(9921), 999–1008. [https://doi.org/10.1016/s0140-6736\(13\)61752-3](https://doi.org/10.1016/s0140-6736(13)61752-3)
 - Framingham Heart Study. (2020). Framinghamheartstudy.org website: <https://framinghamheartstudy.org/>
 - Framingham Heart Study | research project, Framingham, Massachusetts, United States | Britannica. (2021). In Encyclopædia Britannica. <https://www.britannica.com/event/Framingham-Heart-Studay>