

A Brief Report on Invited Impact Pharmacy Lecture Series 2022 – Lecture 2
(New connections and learning)

Date: 20.12.2022

Name of the presenter:

Dr Suphat Subongkot
Associate Professor
Faculty of Pharmaceutical Sciences
Khon Kaen University, Thailand.



Title of the presentation:

Practical Review on Cancer Management

Program Organized by:

Dept. of Pharmacy Practice &
Pharmacy Education Unit
JSS College of Pharmacy, Ooty

New Connections and learning: Pharmacy Practice- "Learning in the flow of work"

Making learning is a part of everyday work – and everyone's experience at work differs of course and it multiplies at different places. Internship training for Pharm D students is an opportunity to learn new and provide service to the needy patient population. To enhance their learning experience, the institute has created new connections and learning opportunity at various practice settings. Our students are very excited to be at new practice site(s) to learn and demonstrate/shape their competencies.

Dr. Subongkot, Associate Professor at Faculty of Pharmaceutical Sciences, Khon Kaen University, Thailand. His responsibilities include didactic teaching in Advanced Pharmacotherapy course for Undergraduate, Master and Doctorate of Clinical Pharmacy and also of Clinical Pharmacy and Clinical Pharmacology service in of Clinical Kuche is also hosting a Board Certification in Pharmacotherapy Training Program and he serves as a Residency/Fellowship Coordinator under the College of Pharmacotherapy (Thailand). His past experiences involved clinical coordination with the medical team and oncology services at rush university medical center, Chicago; teaching responsibility in the experiential and didactic portion of the Chicago College of Pharmacy; preceptorship for pharmacy students and residents; conducting Clinical Researches at Rush University Medical Center, Chicago, IL.

Dr Subongkot started his online lecture from the basics of cancer and also mentioned about the world-wide epidemiological datasets of cancer and also talked about the WHO cancer facts. Eventually, Dr Subongkot inculcated his talk towards the risk factors of developing cancer and its pathogenesis. He also underlined different genetic factors that puts a person at high risk of developing cancer. Dr Subongkot then explained in detail about the physiological changes in the

cell cycle and explained its mechanisms at molecular level. Dr Subongkot reiterated about the chemotherapeutic agents and also about the common side effects associated with their proper management. The session was then concluded by Dr S Ponnusankar, Professor and Head, Department of Pharmacy Practice. There were nearly 50 above participants who were fruitfully benefited with this lecture.

Suphat Subongkot (Presenting)

WHO CANCER FACTS

7.6 million
7.6 million people
worldwide died
from cancer in
the past decade

70%
Approximately
70% of cancer
deaths occur in
low- and middle-
income countries.

30% of cancers
could be
prevented.

<http://www.who.int/cancer/en/>

Suphat Subongkot (Presenting)

Estimated New Cases		Males	Females
Prostate	268,400 27%		Breast 287,850 31%
Lung & bronchus	117,910 12%		Lung & bronchus 116,830 13%
Colon & rectum	80,690 8%		Colon & rectum 70,340 8%
Urinary bladder	61,700 6%		Uterine corpus 65,950 7%
Melanoma of the skin	57,180 6%		Melanoma of the skin 42,600 5%
Kidney & renal pelvis	50,260 5%		Non-Hodgkin lymphoma 36,350 4%
Non-Hodgkin lymphoma	44,120 4%		Thyroid 31,940 3%
Oral cavity & pharynx	38,700 4%		Pancreas 29,240 3%
Leukemia	35,810 4%		Kidney & renal pelvis 28,710 3%
Pancreas	32,970 3%		Leukemia 24,840 3%
All Sites	983,160 100%		All Sites 934,870 100%

Estimated Deaths		Males	Females
Lung & bronchus	68,820 21%		Lung & bronchus 61,360 21%
Prostate	34,500 11%		Breast 43,250 15%
Colon & rectum	28,400 9%		Colon & rectum 24,180 8%
Pancreas	25,970 8%		Pancreas 23,860 8%
Liver & intrahepatic bile duct	20,420 6%		Ovary 12,810 4%
Leukemia	14,020 4%		Uterine corpus 12,550 4%
Esophagus	13,250 4%		Liver & intrahepatic bile duct 10,100 4%
Urinary bladder	11,120 4%		Leukemia 9,980 3%
Non-Hodgkin lymphoma	11,700 4%		Non-Hodgkin lymphoma 8,550 3%
Brain & other nervous system	10,710 3%		Brain & other nervous system 7,570 3%
All Sites	322,090 100%		All Sites 287,270 100%

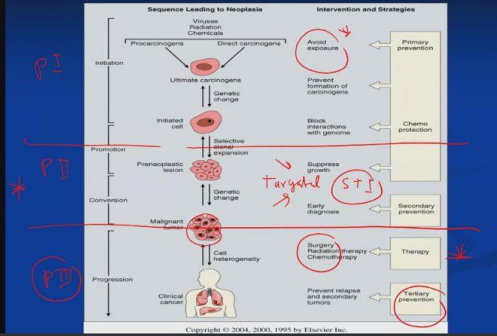
Source: Joseph T. DiPiro, Gary C. Yee, L. Michael Posey, Stuart T. Haines, Thomas D. Nolin, Vicki L. Ellingrod; DiPiro: Pharmacotherapy A Pathophysiologic Approach, 12e Copyright © McGraw Hill. All rights reserved.

Estimated 2022 cancer incidences (top) and deaths (bottom) in the United States for males and females. *Estimates are rounded to the nearest 10 and exclude basal cell and squamous cell skin cancers and in situ carcinoma except urinary bladder. (Reprinted, with permission, from Siegel RL, Miller KD, Fuchs HE, et al. Cancer Statistics. CA Cancer J Clin. 2022;72(1):7-33.)

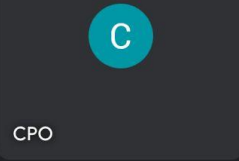
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Citation: Chapter 149 Cancer: The Disease and Treatment, DiPiro JT, Yee GC, Michael Posey LL, Haines ST, Nolin TD, Ellingrod VL, DiPiro: Pharmacotherapy A Pathophysiologic Approach, 12e, 2021. Available at: <https://accesspharmacy.mhmedical.com/content.aspx?bookid=3397§ionid=269071289> Accessed: September 25, 2022
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Suphat Subongkot (Presenting)

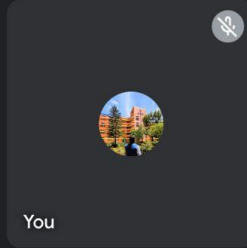
Treatment by Phase



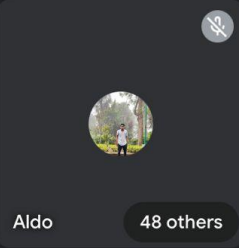
Suphat



CPO



You



Aldo

48 others

Suphat Subongkot (Presenting)

Part I: Introduction to Oncology



You



Suphat

