

Discipline MCP5872 
Critical Analysis of Clinical Studies in Cardio-Oncology

Concentration area: 5131

Creation: 20/02/2025

Activation: 20/02/2025

Credits: 2

Workload:

Theory (weekly)	Practice (weekly)	Study (weekly)	Duration	Total
5	10	15	1 weeks	30 hours

Professors:

Roberto Kalil Filho

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Objectives:

Discipline aimed at postdoctoral physicians and other health professionals with scientific interest in the area of Cardio-Oncology. The main objective is to enable students to apply the key fundamental Cardio-oncology concepts in research and clinical practice.

Rationale:

In the last decades, the cancer treatment has advanced significantly and improved patients' survival. As a result, cardiovascular complications related to chemotherapy have had a higher impact in their overall survival and quality of life. Thus, understanding cardiotoxicity related to cancer treatment, the main medications involved, the potential for reversibility and the management of patients at risk of toxicity has become part of the daily practice of clinical cardiology. Additionally, the potential cardiotoxicity of newer cancer treatment drug is yet to be defined. The collaboration of the Cancer Institute of the State of São Paulo and the Heart Institute of the Hospital das Clínicas of the Medical School of the University of São Paulo, with extensive interaction between cardiologists and oncologists, provides a unique setting for the development of research in the field. The present course aims to bring the discussion on the development of the science related to the field to postgraduate students.

Content:

Topics to be addressed: 1. Critical analysis of the studies on cardiotoxicity by Anthracyclines, Trastuzumab and tyrosine kinase inhibitors; 2. Radiotherapy and cardiovascular system; 3. Effects of endocrine therapy for breast and prostate cancer and cardiovascular complications; 4. Peculiarities in the treatment of heart failure and coronary disease in cancer patients, evidence gaps and opportunities for research; 5. Pericardium diseases in cancer patients.

Type of Assessment:

- Frequency, performance and participation during lectures and discussions (the responsible teachers are present in all classes)
- On-line questionnaires

Notes/Remarks:

Minimum number of students: 5 Maximum number of students: 40

Bibliography:

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3. Cancer Therapy-Related Cardiac Dysfunction and Heart Failure: Part 2: Prevention, Treatment, Guidelines, and Future Directions. Circ Heart Fail. 2016 Feb.
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Class type:

Não-Presencial

Additional class type information:

- A porcentagem da disciplina que ocorrerá no sistema não presencial (1- 100%). 100%
- Detalhamento das atividades que serão presenciais e das que serão desenvolvidas via remota, com discriminação do tempo de atividade contínua online. 100% não presencial
- Especificação se as aulas, quando online, serão síncronas ou assíncronas. Síncronas
- Descrição do tipo de material e/ou conteúdo que será disponibilizado para o aluno e a plataforma que será utilizada. Nenhum material será disponibilizado
- Definição sobre a presença na Universidade e, quando necessária, discriminar quem deverá estar presente (professora/professor; aluna/aluno; ambos). Nenhuma obrigatoriedade de estar presente
- Descrição dos tipos e da frequência de interação entre aluna/aluno e professora/professor (somente durante as aulas; fora do período das aulas; horários; por chat/e-mail/fóruns ou outro). Somente durante as aulas
- A forma de controle da frequência nas aulas. Chamada durante as aulas
- Informação sobre a obrigatoriedade ou não de disponibilidade de câmera e áudio (microfone) por parte dos alunos. Obrigatórios câmera e áudio para alunos e professores
- A forma de avaliação da aprendizagem (presencial/remota). Avaliação remota por frequência, aproveitamento e participação durante aulas e discussões.