Discipline MCP5867  
Pathophysiological Bases and Clinical Practice of Arterial Hypertension

Concentration area: 5131

Creation: 11/07/2019

Activation: 11/07/2019

Credits: 2

Workload:

<table>
<thead>
<tr>
<th>Theory (weekly)</th>
<th>Practice (weekly)</th>
<th>Study (weekly)</th>
<th>Duration</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>10</td>
<td>10</td>
<td>1 weeks</td>
<td>30 hours</td>
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</tbody>
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Professors:

Luiz Aparecido Bortolotto

Maria Claudia Costa Irigoyen

Luciano Ferreira Drager

Objectives:

OBJECTIVE: Course directed for post-graduate doctors and other health professionals with scientific interest in the area of Hypertension. The main objective is to enable students to apply knowledge in research and clinical practice of the fundamental concepts in Arterial Hypertension.

Rationale:

RATIONALE: High blood pressure is a medical condition that presents more interfaces with different medical specialties and also other areas of health, and that has shown the greatest developments in recent years, since a better understanding of the genetic changes and pathophysiologic that lead to disease, until the latest forms of treatment, including new technologies. Among the medical areas, stands out as the greatest example of translational medicine, integrating perfectly the teachings of basic area with the implementation of practice and clinical research. In this regard, the Hypertension Unit of the Heart Institute is a pioneer in this integration, enabling the development of several lines of experimental research coupled with human studies, allowing a more comprehensive understanding of the disease that more affects the Brazilian population. The team is recognized as the main study group in Arterial Hypertension in the country, with researchers and physicians with post-doctoral degrees, including coordinators, and has several original international publications with many citations. In addition, due to collaboration with international researchers, it is possible to integrate them in the dissemination of knowledge during the course. Since its beginning as a course of the Department of Cardiology and Pneumology, has provided the participation of post-graduates from different areas of medicine and from other professional areas in health, always obtaining excellent evaluation by students. Thus, the request for restoration is justified, with a new program proposal including the participation of international researchers with conferences in the English language, allowing greater dissemination of knowledge in the area.

Content:

Type of Assessment:
See observation field.

Notes/Remarks:
EVALUATION: 1. Use and participation during classes and discussions (responsible teachers encourage and will be present in all classes) 2. Elaboration of a proposal for a research project on arterial hypertension. NOTE: Minimum number of students: 8 Maximum number of students: 20

Bibliography:

Languages taught:

Portuguese