



UNIVERSITÀ DEGLI STUDI DI VERONA

Corso di Laurea in Ostetricia
Sede di Verona

Docente: prof. Cristiano Fava

Programma del Modulo di Fisiopatologia

Anno di corso II semestre 1°

Anno Accademico 2015/16

** English version*

Obiettivi (conoscenze e abilità da conseguire)	Formativi	To know the regulation of body water and electrolytes and of the hydro-electrolytes balance (homeostasis) by the kidney, heart failure, thromboembolism, chronic hypertension and pre-eclampsia.
Programma/Contenuti		1. Electrolyte equilibrium in the body: maintenance of volume and distribution of fluids and their possible alterations: hyperhydration and dehydration syndromes, balance between intra- and –extra-cellular fluids (isotonic, hypertonic and hypotonic), Signs and symptoms of fluid and electrolyte deregulation. 2. Urinary System: the kidney as a filter. Pathophysiology of acute renal failure. 3. Venous Thromboembolism: pathophysiology of deep vein thrombosis and pulmonary embolism. Virchow's triad and risk factors for deep vein thrombosis. Therapy notes. 4. Cardiovascular system: control of vascular tone and blood



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	pressure, high blood pressure (hints about pathophysiological hypotheses with references to endocrine pathophysiology), ischemic heart disease, heart failure, left and right sided heart failure, cardiovascular shock. Signs and symptoms of heart/circulatory diseases. 5. Pre-eclampsia: pathophysiology of pre-eclampsia. Hypertensive disturbances during pregnancy. Therapy notes
Modalità di Verifica dell'apprendimento	<i>Written exam (multiple choice test) + eventually oral exam</i>

Bibliografia:

- * Raffaele Antonelli Incalzi “Medicina Interna per scienze infermieristiche” 2012 by Piccin Nuova Libreria S.p.a. Padova
- * G. Covi, G. Montesi: Fisiopatologia, l'essenziale. Edizioni Sorbona 2008.
- * <http://emedicine.medscape.com/>

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