



CI 218 – Topics in Surgical Sciences

Profa. Responsável: Profa. Dra. Raquel Franco Leal

Link de acesso: meet.google.com/jsy-nypw-wtj

Horário: Terças-feiras das 9 às 12h.

Avaliação: Presença e participação nas aulas. Os alunos terão a oportunidade de apresentar em 7-10 min suas pesquisas em inglês ao longo do curso.

Oferecimento: Disciplina será oferecida para o Doutorado em Ciências da Cirurgia como obrigatória, e facultativa para Mestrado da Ciências Da cirurgia e outros cursos.

Aim: The purpose of this course, offered in English, is to discuss the evolution of science to the present day, highlighting the influence on the constitution of university academic entities, the dissemination of current scientific knowledge, and academic writing. To illustrate the evolution of science in the surgical field, research on contemporary diseases and surgical procedures will be examined. Students are encouraged to present their own ongoing research in English during the class.

Day/Month/Year	Opening Remarks (9h – 9:30h)	Prof. Raquel Franco Leal
12/08/25	History of Science (9:30 – 12h)	Prof. Tristan Torriani
09/09/25	University & Post-Graduate Studies (9h -10h)	Prof. Tristan Torriani
	Dissemination of Scientific Knowledge & Metrics (10h -11h)	Prof. Peter Schultz
	Evaluation of the ongoing research presentation in English (7 min) by post-graduate students (11h – 12h)	Prof. Tristan Torriani Prof. Raquel Franco Leal



23/09/25	Research on Contemporary Diseases: Obesity (9h – 10h) Comprehensive Clinical-Surgical Procedures in Orthopedics (10h – 11h00) Evaluation of the ongoing research presentation in English (7 min) by post- graduate students (11h – 12h)	Prof. Everton Cazzo Prof. Alberto Cliquet Jr. Prof. Alberto Cliquet Jr.
14/10/25	Scientific research article – How do I write? (9h – 10:30h) Research on Contemporary Diseases: Inflammatory Diseases (10h30 – 11h30) Evaluation of the ongoing research presentation in English (7 min) by post- graduate students (11h30 – 12h)	Prof. Azucena Salas (University of Barcelona) Prof. Raquel Franco Leal Prof. Cássio Luis Zanettini Riccetto
21/10/25	Tips on writing academic English – How do I write? (09h – 10h) Research on Contemporary Surgical Procedures I: Trauma (10h – 11h) Evaluation of the ongoing research presentation in English (7 min) by post- graduate students (11h – 12h)	Prof. Naiara Beraza (Quadram Institute - UK) Prof. Gustavo Pereira Fraga Prof. Vanessa Henriques Carvalho



11/11/25	Academic writing in English (08h – 10h) Research on Contemporary Surgical Procedures II (10h – 11h) Evaluation of the ongoing research presentation in English (7 min) by post-graduate students (11h – 12h)	Profa. Clarissa Yasuda Prof. Arthur Menino Castilho Prof. Arthur Menino Castilho
25/11/25	Frontiers of Research in Vietnam (9h – 10h) Research on Contemporary Diseases: Proliferating Diseases (Cancer) (10h – 11h) Closing Remarks (11h – 11h30)	Prof. Hang Dao Viet (Hanoi Medical University, Vietnam) Prof. Ilka de Fátima F.S.B Prof. Raquel Franco Leal

References:

ELLIS, Harold. *Operations that made History*. London: Greenwich, 1996.

HOLLINGHAM, Richard. *Blood and Guts*. A History of Surgery. London: BBC Books, 2008.

McCLELLAN III, James; DORN, Harold. *Science and Technology in World History*. An Introduction. 2Nd edition. Baltimore: Johns Hopkins University Press, 2006.

PORTER, Roy. *The Greatest Benefit to Mankind*. A Medical History of Humanity from Antiquity to the Present. London: Fontana Press, 1997.



ROUSE, William B. *Universities as Complex Enterprises*. How Academia Works, Why it works these ways, and where the University Enterprise is Headed. Hoboken: Wiley, 2016.

EASE Guidelines for Authors and Translators of Scientific Articles to be Published in English. European Science Editing, November 2017; 43(4). DOI:10.20316/ESE.2017.43.e1

STOKES, Donald E. *Pasteur's Quadrant*. Basic Science and Technological Innovation. Washington, D.C.: Brookings Institution Press, 1997.