

FY129 Fall 2008

Naked to the Bone: The history of medical imaging and how it all works

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Lectures: Tuesday Aug 26 thru Oct 28 from 12.00 – 2.00 (EPS 400)

Required text: Bettyann Kevles, Naked to the bone: Medical imaging in the 20th century

Prerequisites: None.

Big picture: Over the years, many ingenious devices have been developed that allow doctors to take a peek inside the human body without (too much) causing harm to the patient. We will look at the history of modern medical imaging including CT, MRI, SPECT/PET, and ultrasound. A field trip to the UT Medical Center (UTMCK) will give us a chance to see some of the machines and talk to people who use them.

Field trip: Tuesday Oct 14 from 12.30 – 2.00 (UTMCK)

Grade policy: Your S/NC (satisfactory/no credit) grade will be based on class attendance and participation. You are allowed one missed class (no questions asked). For each subsequent missed class, you must turn in a two-page summary of the overall assignment for the class in question by the end of that week.