

Course number	Name of the Course			Japanese Name	
HE34033 Q234033	Practice of Medical Imaging Technology			画像検査学実習	
Class	Unit	Module	Week	Time	Room
3 <sup>rd</sup> year	1 unit	Autumn A	Tue.	3~6 hour	Medical Education and Training Center etc.
Staffs (office, contacts and hours)					
Tomonori Isobe (4B 401)    PHS:90771    tiso@md.tsukuba.ac.jp Kenta Takada                PHS:90665    k-takada@md.tsukuba.ac.jp Yutaro Mori                  PHS:90665    ymori@pmrc.tsukuba.ac.jp					
Contact staffs prior to your visit.					
Aims					
<ul style="list-style-type: none"> <li>• Learn ultrasound techniques and imaging through a practice with abdominal ultrasound diagnostics.</li> <li>• Learn magnetic resonance (MR) techniques and imaging through a practice with head MR diagnostics.</li> <li>• Learn human anatomy through a practice of constructing three dimensional image.</li> <li>• Learn how diagnostic images are used in radiation therapy.</li> </ul>					
Language ( <input checked="" type="checkbox"/> ) : <input type="checkbox"/> Japanese • <input type="checkbox"/> English • <input checked="" type="checkbox"/> Bilingual					
Course overview					
Dates: 10/2, 10/16, 10/23, 10/30, 11/6					
Orientation Date: 10/2, 12:15 pm- Place: 4B Room 115					
Contents 1. Abdominal ultrasound diagnostics 2. Head magnetic resonance diagnostics 3. Human anatomy in three dimensional image 4. Application of diagnostic images to radiation therapy					
Course requirements	Minimal requirement for credit grant (criteria common to all practical subjects of Sch. Med. Sci.): 1) At least 2/3 attendance to the class, and 2) Submission of reports evaluated as Grade C or higher. Medical Imaging technology credit is needed to take this course.				
Materials	provided text Reference: MR・超音波・眼底 基礎知識図解ノート (金原出版)				
Score assignments	In addition to performance in the class and the report evaluation, examinations may be undergoing for particular subjects. For this subjected, evaluation is made by 【 attendance and reports】 .				
Notes <ul style="list-style-type: none"> <li>• Small groups rotate the contents written above.</li> <li>• Groups, rotations and schedules of the practice will be announced in the orientation.</li> <li>• Bring your white coat and nameplate.</li> </ul>					