

Progress Report for Supplementary Funds to Improve Teaching and Learning in the Medical Curriculum 2010-2011

Project Title

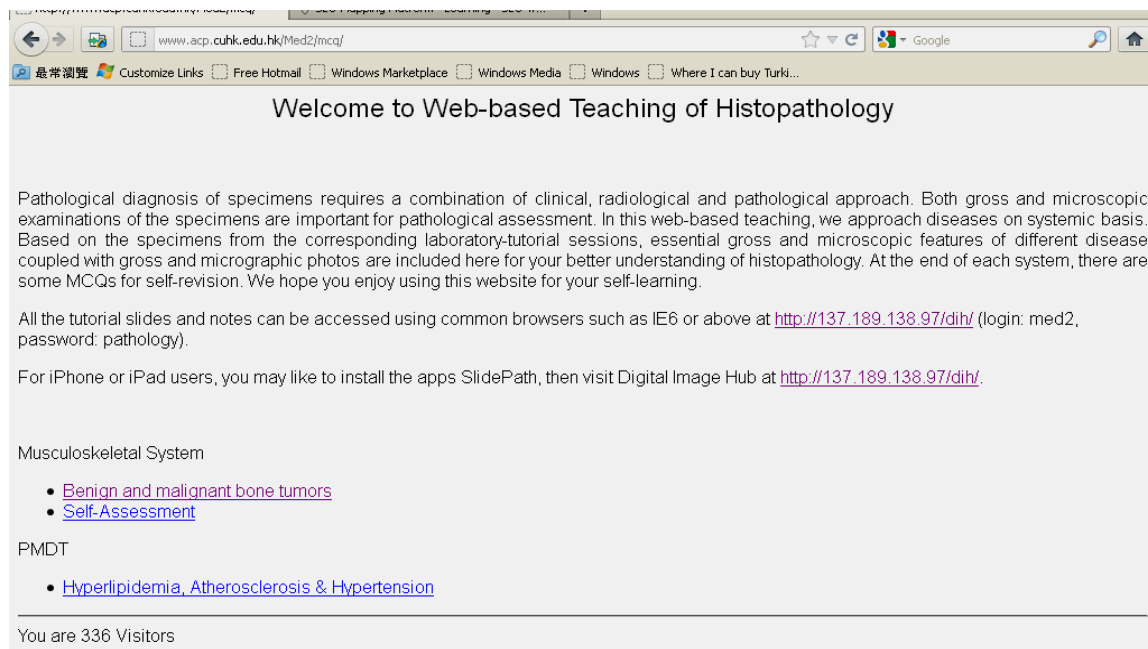
Interactive web-based database for learning of histopathological aspects of diseases in PGIN, PCAR, PMUS and PREP (Year 2 and 3) courses.

By Dr Amy Bik-Wan Chan (ACP), Dr Anthony Wing Ip Lo (ACP) and Dr Tsz-Ping Lam (O&T)

Web-based Teaching of Histopathology Website

A website of "Web-based Teaching of Histopathology"

(<http://www.acp.cuhk.edu.hk/Med2/mcq/>) was launched in early March 2011 before the beginning of PMUS2 2010-2011 teaching module. The website was under the directory of Med 2 teaching at the homepage of Department of Anatomical and Cellular Pathology (<http://www.cuhk.edu.hk/med/acp/index.htm>). Login information was given to the student during the introductory sessions.



A link to the website can also be found in the corresponding section of PMUS 2 teaching in the SLO Mapping Platform (<http://slo.ort.cuhk.edu.hk/Default.aspx>) developed and hosted by Department of Orthopedics and Traumatology.

Browser address bar: slo.ort.cuhk.edu.hk/Learning/SloList.aspx?id=278

Navigation links: Customise Links, Free Hotmail, Windows Marketplace, Windows Media, Windows, Where I can buy Turki...

SLO Mapping Platform

For Enhancement of Outcome-based Learning

logout dashboard profile about

Learning Menu

- Programme Index
- Orthopaedics
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Your Profile

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SLO Tree

Expand all Close all

- PMUS2
 - Benign and Malignant Bone Tumours
 - Benign and Malignant Soft Tissue Tumours

✓	Completed
✗	Not completed

SLO Mapping Platform
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Teaching material of the two PMUS2 tutorials (“Benign and Malignant Bone Tumors” and “Benign and Malignant Soft Tissue Tumors”) including the photographs of the gross specimens, the micrographs of the teaching slides with descriptions and the tutorial manual are incorporated in the website.

Browser address bar: www.acp.cuhk.edu.hk/Med2/mcq/giant_cell_tumor_of_bone.htm

Navigation links: Customise Links, Free Hotmail, Windows Marketplace, Windows Media, Windows, Where I can buy Turki...

Benign and Malignant Bone Tumors


Gross examinations

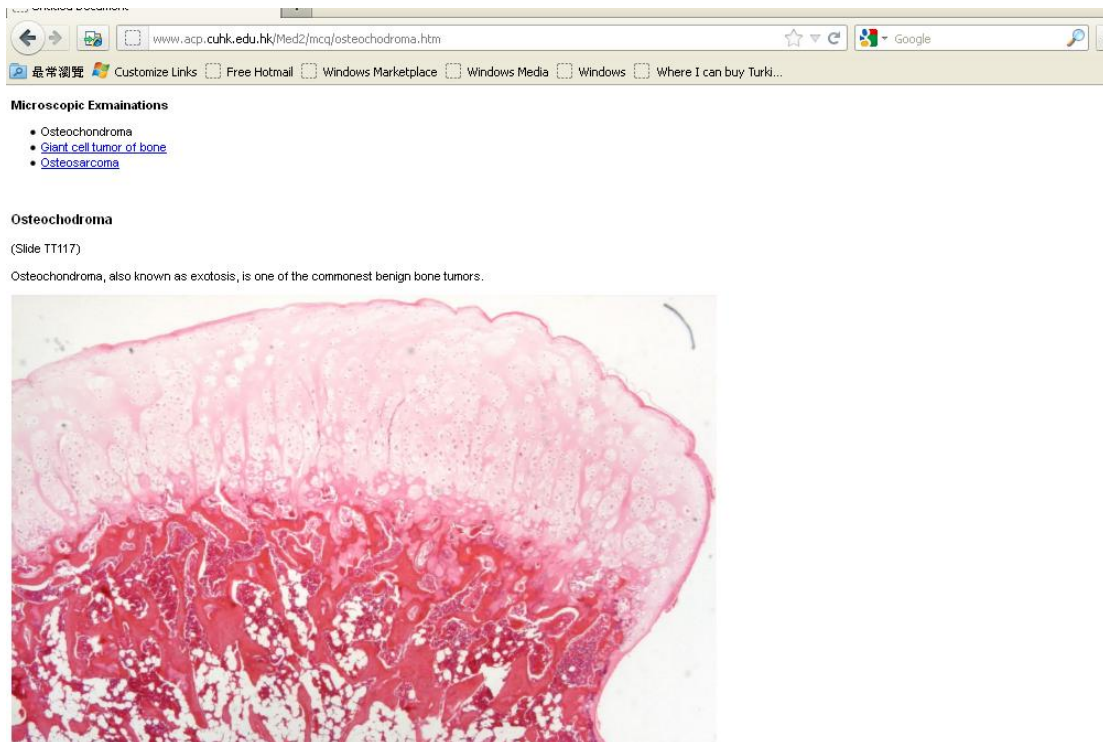
- Giant cell tumor of bone
- [Osteosarcoma](#)
- [Chondrosarcoma](#)

Giant cell tumor of bone

(Specimen numbers: CU1502, CU2260)

Giant cell tumor of bone is common in patient aged 20 to 50. Although it is a benign tumor, it is locally aggressive and is prone to recur after simple curettage.



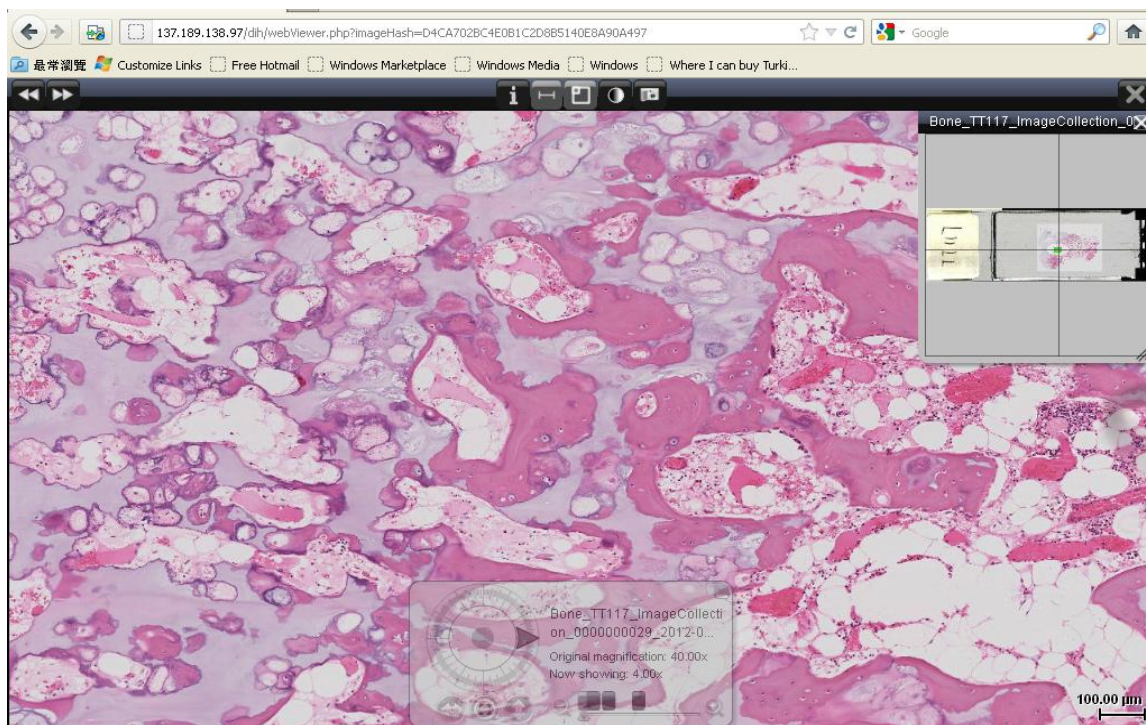
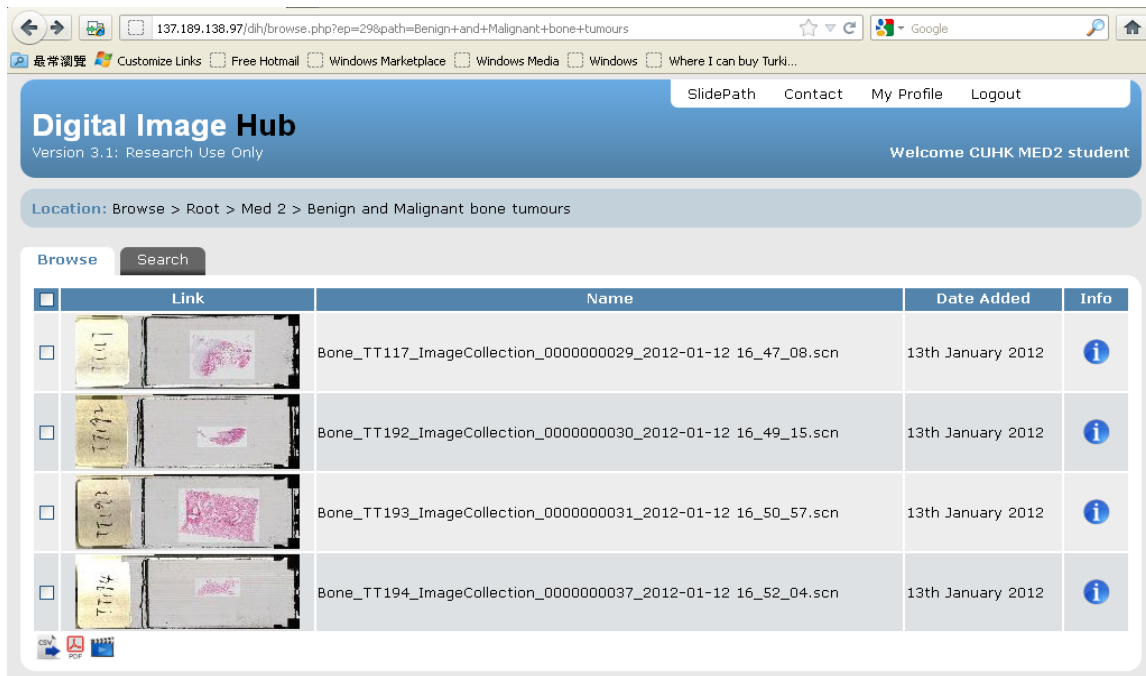


Students can log-in to the website anytime for the preparation of tutorials, revision and self-learning. A simple on-line self-assessment can also be found on the website for students' revision and to highlights the objectives of the relevant topics to the students.

Since the launch of the website, there have been around 300 visitors to the website within a period of 12 months. With reference to the number of the Med 2 students (around 150), the frequency of the visit to the website, i.e., the frequency of use is quite satisfactory.

Future Development

1. Teaching materials of other integrated medical sciences module such as PMDT 2 are being tested in ACP website of web-based teaching in the academic year 2011-2012. It is planned that more teaching materials from the other modules can be incorporated in this website with similar format.
2. With the introduction of digital pathology system in the late 2011, whole slide scanning of the teaching slides are now being incorporated in the framework of web-based teaching. Other than photomicrographs of specific areas of interests on the teaching slides, the whole teaching slides in digital formats are available for the students to view on the website. This is to encourage students to explore and appreciate the relevant pathology. (Please see below for sampled views)



3. Information from real orthopedic patients including clinical, pathological and radiological details (with patients' identity remained anonymous) is now being collected. This clinical information will be organized into mock case scenarios and will be uploaded onto the website in near future. Together with self-assessment in the form of MCQ and brief explanations, the cases are going to be quality self-learning materials.