

2022 Akita University Faculty of Medicine Syllabus

Category : 臨床医学 VI (CC2)
Course Title : BSL2:Gastroenterological Surgery - 消化器外科臨床実習 2 -
Eligible Students : grade 5 Elective Course
Code : 71644006-08

1. Lead Instructor

Hiroshi Uchinami (Associate Professor, Department of Gastroenterological Surgery, 6125, Office Hour: 9:00-17:00)

2. Instructors

Hiroshi Uchinami (Associate Professor, Department of Gastroenterological Surgery, 6125, Office Hour: 9:00-17:00)

Masatake Iida (Assistant Professor, Department of Gastroenterological Surgery, 6215, Office Hour: 9:00-17:00)

Go Watanabe (Assistant Professor, Department of Gastroenterological Surgery, 6215, Office Hour: 9:00-17:00)

Yuki Abe (Assistant Professor, Department of Gastroenterological Surgery, 6215, Office Hour: 9:00-17:00)

Yasuhiko Nakagawa (Assistant Professor, Department of Gastroenterological Surgery, 6215, Office Hour: 9:00-17:00)

3. Course Description Outline(Course Objectives)

1. 授業の概要及びねらい

(1) 診療チームの一員として病棟入院中の患者さんへの診療を通して、将来どのような分野の医師にも必要な外科領域、特に消化器外科を中心とした症候や病態の臨床推論、鑑別診断、検査・治療方針決定などの実践力を習得する。

(2) 消化器外科医のイメージを獲得する。

1) 病棟診療

各学生は診療チームに2週間配属され、指導医のもとで数人の入院患者さんを担当する。指導医の監督のもとに、毎日、担当患者さんの回診を行い、医療面接、身体診察、検査・治療方針の提案・議論、診療録への記載、カンファランスなどのプレゼンテーションなど、診療チームの一員として基本的な診療を学ぶ。担当する患者さんの検査や手術に参加し、実際どのように診療が行われているのかを学ぶ。

2. 学修目標

1) 症候・病態 臨床推論

(1) 黄疸、(2) 腹痛、(3) 悪心・嘔吐、(4) 食思不振、(5) 便秘・下痢、(6) 腹部膨隆・膨満・腫瘍

2) 基本的臨床手技

(1) 体位変換、移送ができる

(2) 胃管の挿入と抜去ができる

(3) 尿道カテーテルの挿入と抜去を実施できる

(4) 全身麻酔を見学し、介助できる

(5) 診療録を作成する

3) 検査手技

(1) 腹部の超音波検査を実施できる

4) 外科手技

(1) 無菌操作を実施できる

(2) 手術や手技のために手洗いができる

(3) 手術室におけるガウンテクニックができる

(4) 基本的な縫合と抜糸ができる

- (5) 創の消毒やガーゼ交換ができる
- (6) 手術、術前・術中・術後管理を見学し、介助する

5) 救命処置

- (1) 身体徴候、バイタルサインから緊急性の高い状況であることを判断できる
- (2) 一次救命処置を実施できる
- (3) 二次救命処置を含む緊急性の高い患者の初期対応に可能な範囲で参加する

6) シミュレーション教育

- (1) シナリオなどを用いたトレーニングを通して、状況判断、意思決定能力を獲得する
- (2) チームトレーニングによって、チーム医療の実践能力を高める
- (3) 振り返りによって自己省察能力を高める

7) 医療行動科学、医療倫理、医療安全

- (1) 各種検査や手術のインフォームドコンセント
- (2) 患者や家族への対応
- (3) プロフェッショナリズム
- (4) 各種検査や手術の安全管理

1. Outline and aim of the course

(1) Through the treatment of in-patients as a member of a team, to acquire practical skills including clinical reasoning of symptoms and pathophysiology, differential diagnosis, planning of examinations, and decision of treatment strategy in surgical treatments.

(2) Grasp the image/impression of a surgeon as a professional worker.

1) Practices in a ward

Each student will be assigned to a team for two weeks and will be in charge of several inpatients under the supervision of an instructor. The patient in charge is visited daily, and students learn the medical interview, physical examination, proposal of examination, treatment strategy, writing medical records, presentations at conference. Students also participate in examinations and surgery of the patient in charge to learn how the surgical treatment is actually performed.

2. Learning goals

1) Symptomatology / Clinical reasoning

(1) jaundice, (2) abdominal pain, (3) nausea / vomiting, (4) loss of appetite, (5) constipation / diarrhea, (6) abdominal swelling / distension / tumor

2) Basic procedures

- (1) can do position change and transfer of the patients
- (2) can insert/remove nasogastric tube
- (3) can insert/remove urethral catheter
- (4) can assist with general anesthesia.
- (5) can write a medical record

3) Examination procedures

- (1) can perform ultrasonographical examination of the abdomen

4) Surgical procedures

- (1) can perform aseptic techniques
- (2) can scrub hands for surgery or procedures
- (3) can complete gown techniques correctly in the operating theatre
- (4) can do basic suturing and stitch removal
- (5) can do wound disinfection and gauze exchange
- (6) can assist in surgery, perioperative managements (preoperative, intraoperative, and postoperative)

5) Emergency treatment

- (1) can judge whether the situation is highly urgent or not
- (2) can do basic life support
- (3) to participate initial treatment of patients with high urgency, including advanced life support as much as possible

6) Simulation education

- (1) to acquire the ability to judge situation and make decision through training using scenarios.
- (2) to Improve the practical ability of performing team medical care through team training
- (3) to Improve self-reflective ability by looking back the performance

7) Medical behavioral science, medical ethics, medical safety

- (1) to understand informed consent for various examinations and surgeries
- (2) Addressing to patients or their families
- (3) to understand professionalism
- (4) to understand safety management of various examinations and surgeries

本科目は実務経験のある教員による授業科目です。

This subject is a lesson subject by a teacher with practical experience.

4. **Textbook/Reference Books**

各担当教官と相談すること

Consult with an instructor in charge

5. **Assessment**

態度（実習中の学習態度）

Attitude (learning attitude during training)

6. **Out of Class Study/Message**

クリニカルクラークシップガイドの必修事項を確認してくること
毎日、振り返りを行い、疑問点は学習すること

Check out the required items in the clinical clerkship guidance
Review own performance every day and solve questions that are raised

消化器外科学（外科学1） 臨床実習

Schedule		Contents of Class
1	Mon [8:30-17:00] Subtitle 臨床実習 2 Instructor 各指導教官	8:30- オリエンテーション 南臨床棟 3階医局（第1週のみ） 病棟回診・手術への参加 8: 30- Orientation South Clinical Building 3rd Floor: Staff office of the department of Gastroenterological Surgery (1st week only) Participation in ward rounds and
2	Tue [8:30-17:00] Subtitle 臨床実習 2 Instructor 各指導教官	病棟回診・手術・検査への参加 18:00- 外来症例カンファランス（自由参加） 19:00- 消化器合同カンファランス（自由参加） Participation in ward rounds, surgery, and examinations 18: 00- Outpatient Case Conference (not duty) 19: 00- Joint Gastroenterological Conference (not duty)
3	Wed [8:30-17:00] Subtitle 臨床実習 2 Instructor 各指導教官	病棟回診・手術への参加 Participation in ward rounds and surgery
4	Thu [8:00-17:00] Subtitle 臨床実習 2 Instructor 各指導教官	8:00- 病棟カンファランス、術前検討会 病棟回診・検査への参加 8: 00- preoperative and postoperative conference Participation in ward rounds / examinations
5	Fri [8:30-17:00] Subtitle 臨床実習 2 Instructor 各指導教官	病棟回診・手術への参加 Participation in ward rounds and surgery