

Syllabus - Distance learning
Winter Semester 2020/2021
Week 4

General Medicine

1. Online lecture via Microsoft Teams

Disorders of inner milieu (water, electrolytes); Oedemas

2. Online seminars via Microsoft Teams according to schedules on department webpage (patfyz.medic.upjs.sk)

Disorders of nutrition

- Obesity – causes, classification, diagnosis
- Insulin resistance and metabolic syndrome
- Metabolic effects of acute and absolute starvation
- Chronic undernutrition (kwashiorkor, marasmus, cachexia), eating disorders
- Qualitative undernutrition
- Disorders of trace element metabolism
- Disorders of vitamin metabolism

Student presentations: during the online seminar according to the schedule within each group.

Dental Medicine

1. Online lecture via Microsoft Teams

Disorders of inner milieu (water, electrolytes; calcium, phosphates)

2. Online seminars via Microsoft Teams according to schedules on department webpage (patfyz.medic.upjs.sk)

Disorders of nutrition

- Obesity – causes, classification, diagnosis; metabolic syndrome
- Metabolic effects of acute and absolute starvation
- Chronic undernutrition (kwashiorkor, marasmus, cachexia), eating disorders
- Qualitative undernutrition
- Disorders of trace element metabolism
- Disorders of vitamin metabolism
- Disorders of nutrition – effects in oral cavity

Student presentations: during the online seminar according to the schedule within each group.

3. Recommended audiovisual materials

Disorders of inner milieu

- Hypokalemia https://www.youtube.com/watch?v=1jz_Ym5cLds
- Hyperkalemia <https://www.youtube.com/watch?v=eoWxzJShtXQ>
- Hypocalcemia <https://www.youtube.com/watch?v=KWZrSYo7xuk>
- Hypercalcemia <https://www.youtube.com/watch?v=630hhyQ-jE0>
- Hypophosphatemia https://www.youtube.com/watch?v=0sJ4uAqE_lg
- Hyperphosphatemia <https://www.youtube.com/watch?v=o0KCbyf-rkU>

Metabolic syndrome

- Metabolic syndrome <https://www.youtube.com/watch?v=WjyQTmJBXFg>

Eating disorders

- Anorexia nervosa <https://www.youtube.com/watch?v=ollz9MqtW-U>
- Bulimia nervosa <https://www.youtube.com/watch?v=hk0moXO7W74>

Trace element disorders

- Intestinal iron absorption <https://www.youtube.com/watch?v=3tRTAmRbb1M>
- Hemochromatosis <https://www.youtube.com/watch?v=36n37AaVVLc>
- Wilson disease <https://www.youtube.com/watch?v=8SUUPn7ExS8>

Vitamin disorders

- Vitamin C <https://www.youtube.com/watch?v=3GjPD3Op4PQ>
- Folate deficiency https://www.youtube.com/watch?v=ADKz3pdf_5Q