

Practical Clinical English M3



July 14, 2017

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医学英語講義の到達目標

- ▶ CBTを受験するM4までに必修の基本事項に掲載されている医学用語は英語で読み書きできるようになる。
- ▶ 医学英語で頻回に使われるような abbreviation (省略形) が理解できる。

AIDS: Acquired Immunodeficiency Syndrome

GVHD: Graft-versus-host Disease

} 正答率 10%

Questions #1-#10

1. ACE **a**ngiotensin **c**onverting **e**nzyme
2. ACTH **a**drenoc**c**orticotropic hormone
3. ADHD **a**ttention **d**eficit **h**yperactivity **d**isorder
4. AIDS **a**cquired **i**mmuno-**d**eficiency **s**yndrom**e**
5. AMI **a**cute **m**ycocardial infarction
6. ARF **a**cute **r**enal **f**ailure
7. BAL **b**roncho**a**lveolar **l**avage
8. BMI **b**ody **m**ass **i**ndex
9. BP **b**lood **p**ressure
10. CEA **c**arcino**e**mbryonic **a**ntigen

Questions #11-#20

11. CHD

congenital heart disease

12. COPD

chronic obstructive pulmonary disease

13. CPA

cardiopulmonary arrest

14. CPC

clinico-pathological conference

15. CPR

cardiopulmonary resuscitation

16. CRF

chronic renal failure

17. CS

caesarean section (C-section)

18. CT

computed tomography

19. DIC

disseminated intravascular coagulation

20. ECG

electrocardiography

Questions #21-#30

- 21. ER emergency room
- 22. GERD gastroesophageal reflux disease
- 23. GFR glomerular flow rate
- 24. GVHD graft-versus-host disease
- 25. IBD inflammatory bowel disease
- 26. ICU intensive care unit
- 27. LC liver cirrhosis
- 28. MOF multiple organ failure
- 29. MRSA methicillin-resistant Staphylococcus aureus
- 30. PET positron emission tomography

Questions #31-#40

- 31. RI radio isotope
- 32. RA rheumatoid arthritis
- 33. SAH subarachnoid hemorrhage
- 34. SAS sleep apnea syndrome
- 35. SLE systemic lupus erythematosus
- 36. STD sexual transmitted disease
- 37. UC ulcerative colitis
- 38. UTI urinary tract infection
- 39. XP X-ray photography
- 40. WBC white blood cell

Select the abbreviation that best matches each definition.

- ▶ 1) a type of surgery that improves blood flow to the heart, performed to treat severe coronary artery disease.

- a) CABG
- b) CHD
- c) COPD
- d) CRF

Coronary-Artery Bypass Graft
(冠動脈バイパス移植術)

Select the abbreviation that best matches each definition.

▶ 2) a cluster of respiratory diseases that limit airflow and cause difficulty in breathing.

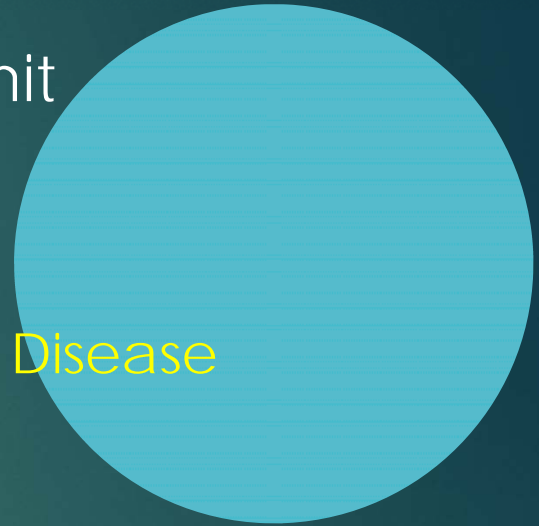
a) CAPD

b) COPD

c) CPAP

d) CPPV

Chronic Obstructive Pulmonary Disease
(慢性閉塞性肺疾患)



Allergic Reaction (アレルギー反応)

- ◆ An **allergic reaction** is the body's way of responding to an "invader."
- ◆ When the body senses a foreign substance, called an antigen, the **immune system** is triggered.
- ◆ The immune system normally protects the body from harmful agents such as bacteria and toxins. Its overreaction to a harmless substance (an **allergen**) is called a hypersensitivity reaction, or an allergic reaction.

Allergen

- ◆ Anything can be an allergen. Dust, pollen, plants, medications (such as **ibuprofen**, sulfa drugs such as sulfamethoxazole **and trimethoprim [Bactrim]**, **codeine**, **amoxicillin [Amoxil, Trimox]**, **cephalexin [Keflex]**), foods (common food allergies include shrimp and other shellfish, peanuts), **insect bites** (such as mosquito bites or bee stings), animal dander (such as from a pet cat or dog, or rodents), viruses, or bacteria are examples of allergens.
- ◆ Reactions may occur in one spot, such as a small localized skin rash, itchy eyes, face bumps, or all over, as in a whole body rash.
- ◆ A reaction may include one or several symptoms.

Allergy-related terms

必須20語

- 1) **Allergic rhinitis** (An allergic reaction in nose)
- 2) **Anaphylactic shock** (A widespread and serious allergic reaction)
- 3) Anti-histamines (Drugs that combat the histamine release)
- 4) **Asthma** (A common lung disorder in which inflammation causes the bronchi to swell and narrow the airways)
- 5) Atopic dermatitis (A skin disease characterized by areas of severe itching, redness, scaling, and loss of the surface of the skin)
- 6) Chronic disease (A disease that persists for a long time)
- 7) **Congestion** (An abnormal or excess accumulation of a body fluid)
- 8) Decongestant (A drug that shrinks the swollen membrane in the nose)
- 9) Diarrhea (An unusually frequent and liquid bowel movements)
- 10) ENT (Abbreviation for ears, nose and throat)

Allergy-related terms

必須20語

- 11) Hives (a raised, itchy area of skin that may be a sign of allergic reactions)
- 12) **Inflammation** (A localized reaction that produces redness, warmth, swelling, and pain as a result of infection, irritation, or injury)
- 13) Ointment (An oil-based preparation that is applied to the skin)
- 14) Pollen (Small, light, dry protein particles from trees, flowers, and weeds)
- 15) **Prescription** (A physician's order for the preparation of a drug)
- 16) Prognosis (The forecast of the probable outcome or course of a disease)
- 17) **Shock** (A critical condition that is brought on by a sudden drop in blood flow through the body)
- 18) Sore throat (Pain in the throat)
- 19) **Trigger** (Something that either sets off a disease in people who are genetically predisposed to developing the disease, or that causes a certain symptom to occur in a person who has a disease.)
- 20) Wheezing (A whistling noise in the chest during breathing)

Autoimmune Diseases (自己免疫疾患)

Definition:

A disease in which the body produces antibodies that attack its own tissues, leading to the deterioration and in some cases to the destruction of such tissue.

deterioration (低下、悪化、退歩) ↔ amelioration (改良、改善、向上)

Autoimmune Diseases (自己免疫疾患)

A long-term endocrine disorder in which **the adrenal glands** do not produce enough steroid hormones. Symptoms generally come on slowly and may include abdominal pain, weakness, and weight loss.

Addison's disease

Primary adrenal insufficiency

Autoimmune Diseases (自己免疫疾患)

A collection of symptoms caused by very high levels of a hormone called **cortisol** in the body.

Cushing disease

The symptoms include:

- weight gain
- thinning skin that bruises easily
- reddish-purple stretch marks on the thighs, stomach, buttocks, arms, legs or breasts
- fat deposits that develop in the face, causing it to become round
- muscle or bone weakness (osteoporosis)

Autoimmune Diseases (自己免疫疾患)

An autoimmune disease that affects **the thyroid**. It frequently results in and is the most common cause of **hyperthyroidism**. It also often results in an enlarged thyroid.

Grave's disease

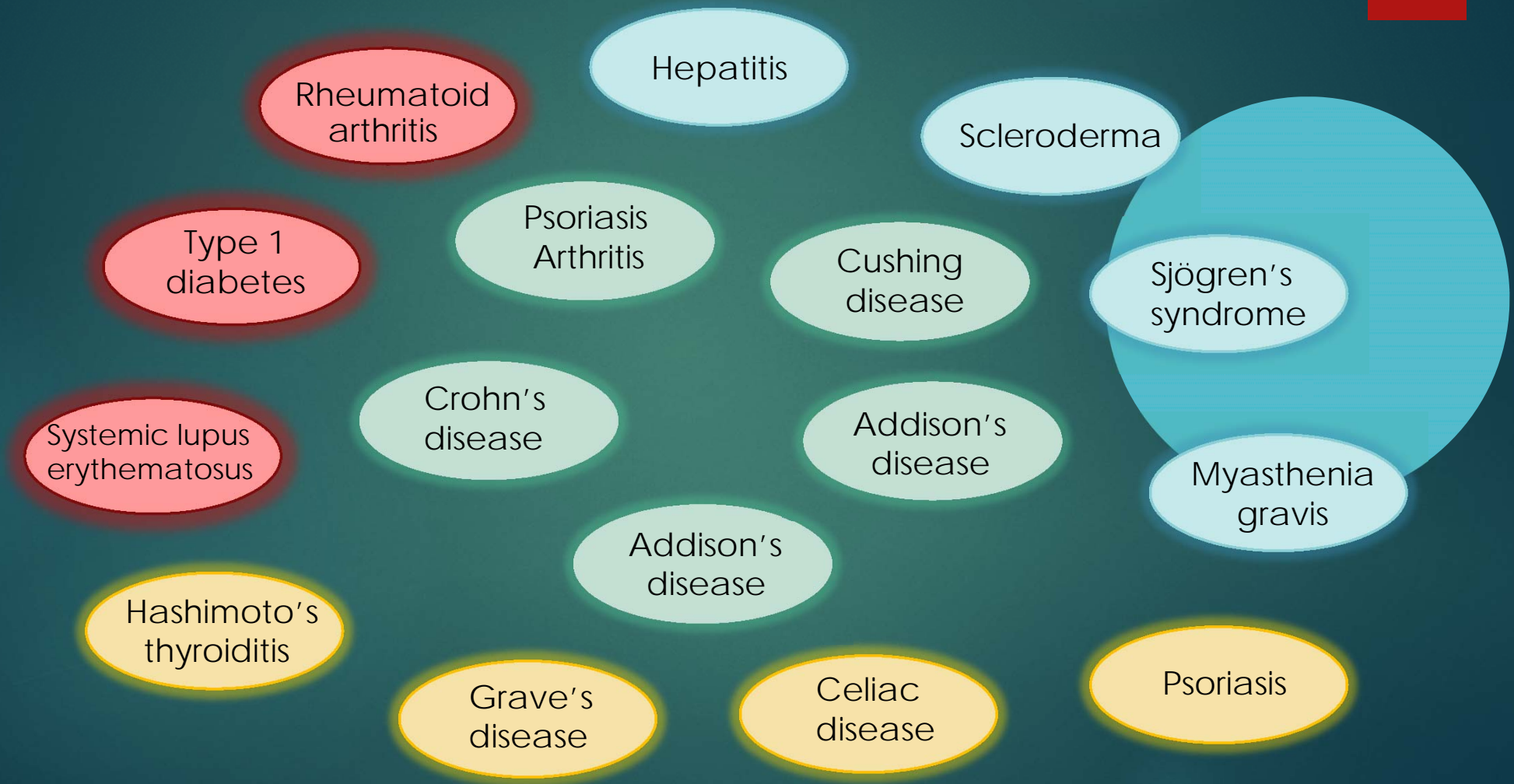
Diffuse toxic goiter

Autoimmune Diseases (自己免疫疾患)

A chronic autoimmune **neuromuscular disease** that causes weakness in the skeletal muscles, which are responsible for breathing and moving parts of the body, including the arms and legs.

Myasthenia gravis

Autoimmune Diseases (自己免疫疾患)



Autoimmune Diseases

必須20語

- 1) **CRP** (C-reactive protein levels in the blood increase in inflammatory conditions)
- 2) Effusion (a condition in which excess amounts of fluid are accumulated between biologic layers).
- 3) Interleukin (a cytokine, a small protein molecule that is produced and released by specific cells of the immune system).
- 4) **Rheumatoid arthritis** (inflammatory conditions of the joints resulting from an autoimmune process).
- 5) Leukocytosis (a situation in which there is an increase in the white blood cell count).
- 6) Lymphadenopathy (a condition in which the lymph nodes become enlarged).
- 7) Methotrexate (a drug used to treat multiple diseases including autoimmune conditions by inhibiting folic acid metabolism).
- 8) **Myalgia** (a symptom that corresponds to diffuse muscular pain).
- 9) Neoplastic disease (the growth of an abnormal mass of cellular tissue).
- 10) NSAIDs (Non-Steroidal Anti-Inflammatory Drugs)

Autoimmune Diseases

必須20語

- 11) **Pleuritis** (inflammation of the surface cells, which form a sack like covering of the lungs).
- 12) **Pneumonitis** (inflammation of the lung tissue).
- 13) Respiratory Distress (a medical condition in which one experiences difficulty in breathing noted as shortness of breath).
- 14) Serositis (a condition in which there is inflammation of the surface lining of the tissues)
the lung → pleuritic, the heart → pericarditis, the inner line of abdomen → peritonitis
- 15) **Splenomegaly** (a condition in which there is enlargement of the spleen)
- 16) Organomegaly (abnormal enlargement of an organ)
- 17) Systemic (a condition which is spreaded throughout the body)
- 18) TNF (tumor necrosis factor is a group of 9 identified cytokines that, can cause cell death, inflammatory responses, inhibit tumor formation, and inhibit viral replication.
- 19) Infliximab (Remicade) (an anti-TNF α antibody which can prevent binding of the TNF protein to targeted cell receptors)
- 20) Pericarditis (inflammation of the surface cell which form a sack like covering surrounding the heart)

海外で通じない和製英語の例

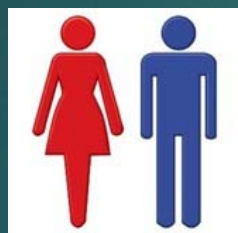
和製英語

英語



コンセント

Outlet, Socket



トイレ

Bathroom, Restroom



ホッチキス

Stapler

和製英語

キーホルダー

スキンシップ

クレーム

マンション

アルバイト

バックミラー

クーラー

シュークリーム

英語

key ring, key chain

Physical contact

complain

apartment, condominium (condo)

Part-time job

Rear-view mirror

air conditioner (AC)

cream puff



Mass General Hospital, Ether Dome (2016)

Dear all

Have a wonderful Summer Break!

All my best wishes,
Emiko