**Year 2 PBL cases**

**Case 1: A Textbook patient**

**Specific Learning Objectives:**

1. Evaluate the teaching methods used in the year two clinical curriculum and subsequent clinical years, and how these are different to year one and the rest of year 2.
2. Describe the role of a medical student on a Year two clinical attachment, and how to make the most of the learning opportunities available.
3. Describe the risks involved in needlestick injuries, how to respond in the event of a needlestick injury, and how such accidents may be minimized.
4. Apply an understanding of the rules regarding patient confidentiality when on clinical placement.
5. Distinguish types of stroke, and describe risk factors, investigation and management of stroke.
6. Apply neuroanatomical knowledge in order to localize lesions from a patient’s symptoms and signs.
7. Discuss how to separate the personal and professional lives of medical students, and where to go for help if the student encounters a particularly challenging case.
8. Discuss the limitations of being a medical student: specifically, regarding the giving of medical and personal advice and information to patients.

**Case 2: Of mind and body**

**Specific Learning Objectives:**

1. Draw up a differential diagnosis for this patient.
2. Explain the patient’s observations at presentation.
3. List the key features of acute asthma.
4. Revise the treatment of asthma and rationale behind treatment.
5. Apply an understanding of the side effects of steroid use to a patient’s presentation.
6. Explain the patient’s behavior in terms of mental illness.
7. Discuss sources of information that have shaped own views and common misconceptions about mental illness.
8. Review communication methods/skills.

**Case 3: The no-blame game**

**Specific Learning Objectives:**

1. Outline the procedures used to diagnose infection and the basic principles of treatment.
2. Describe the causative agent of tuberculosis and the disease process.
3. Give an account of the historical background to the disease and quote current figures for incidence in the UK.
4. Demonstrate an understanding of the world-wide distribution of the disease and predisposing factors.
5. Describe the main approaches to TB screening & control.
6. Describe the ethical issues presented by screening and treatment.
7. Explain the status of an asylum refugee with respect to treatment in the NHS.
8. Communicate information from the critical appraisal of sources-succinctly.

**Case 4: An enemy in their mouths**

**Specific Learning Objectives:**

1. Describe the various stages of alcoholic liver disease, including changes at the cellular level.

2. Describe what blood tests would be used to determine the severity of alcoholic liver disease

3. Describe the main features of Wernicke’s encephalopathy; progression of the disease and rationale for treatment.

4. Explain the ocular motor signs observed in this patient by revising the actions of the extra-ocular muscles and their nerve supplies.

5. Describe the changes that are observed in the cerebellum in Wernicke’s encephalopathy and their effects on movement.

6. Understand the concept of critical illness and the need for urgent assessment and treatment

7. Discuss the concept of ‘autonomy’ with reference to the alcoholic patient.

8. Apply evidence based medicine to the treatment of alcohol dependence.