

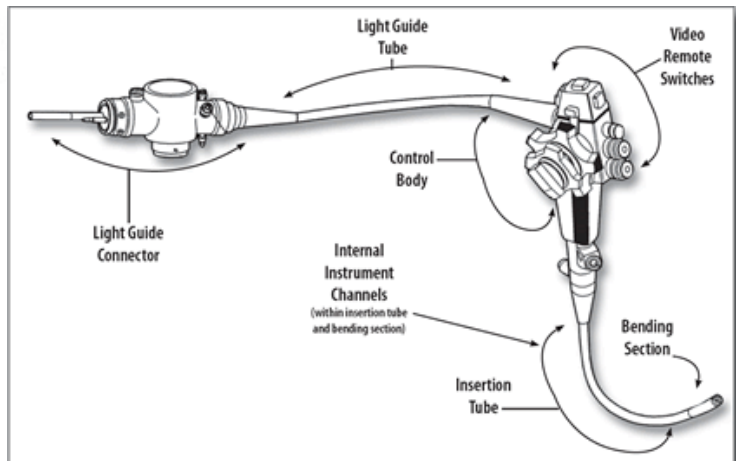
# Gastrointestinal system II

## A Reading revision

## B Endoscopy: procedure, passive voice

1 Change the sentences describing procedures into the Passive. Decide whether they require an agent or not. Give a reason.

- 1 The doctor inserts the needle.
- 2 Nurses often perform this procedure.
- 3 The doctor then applies gentle pressure to the puncture site.
- 4 The sister explains the procedure to the patient.
- 5 The nurse cleans the skin.
- 6 Doctors without training don't perform this emergency procedure.
- 7 The doctor taps the vein.
- 8 Generally, nurses don't perform this procedure.



Look at the statements which are taken from a training session for doctors. Complete the sentences by choosing a word from either the noun or verb list. You will have to change the form of the verbs you use.

### Nouns

section patient air  
consent endoscope mucosa

### Verbs

blow swallow obtain anaesthetize  
advance give sedate biopsy

- 1 Informed \_\_\_\_\_ is \_\_\_\_\_.
- 2 The pharynx is \_\_\_\_\_ using a spray.
- 3 The patient is \_\_\_\_\_ to induce drowsiness.
- 4 The \_\_\_\_\_ is introduced and is \_\_\_\_\_ further down the oesophagus and into the stomach and duodenum.
- 5 \_\_\_\_\_ is \_\_\_\_\_ into the stomach via a side channel in the endoscope to allow visualization of the stomach mucosa.
- 6 The \_\_\_\_\_ is \_\_\_\_\_ a plastic mouth guard to bite on.
- 7 The patient is asked to \_\_\_\_\_ the first \_\_\_\_\_ of the endoscope.
- 8 The stomach \_\_\_\_\_ is \_\_\_\_\_ using a thin 'grabbing' instrument which is passed down a side channel.

2 Complete each gap with one of the words from the box. Then listen and decide if the statements are true or false.

take	biopsy	lining	recovery	sedation	gastroscopy	perforation
transfusion	throats	tissues	surgery	gag	examination	awake

- 1 Gastroscopy allows doctors to examine the \_\_\_\_\_ of the gastrointestinal track, down to the stomach.
- 2 Before \_\_\_\_\_, doctors send information to their patients.
- 3 Taking samples of \_\_\_\_\_ means that there is a problem.
- 4 Patients mustn't eat at least 8 hours before the \_\_\_\_\_.
- 5 Half of the patients stay \_\_\_\_\_ during the procedure.
- 6 All patients have their \_\_\_\_\_ anaesthetized.
- 7 \_\_\_\_\_ is performed to make patients go to sleep.
- 8 The procedure doesn't \_\_\_\_\_ more than 7 minutes.
- 9 The \_\_\_\_\_ reflex is eliminated by anaesthetics.
- 10 After the procedure, patients are taken to a \_\_\_\_\_ lounge.
- 11 The risk of \_\_\_\_\_ is one in ten thousand.
- 12 Bleeding after a \_\_\_\_\_ is more common than perforation.
- 13 Patients with bleeding need blood \_\_\_\_\_ and are hospitalised for about a week.
- 14 In most cases of bleeding, \_\_\_\_\_ is not necessary.

## Explaining a procedure (cleft sentences)

A Change the explanations to *be going to* and simplify the medical terms. Where indicated, use an expression with *What*.

- 1 A sample is taken from the bowel.
- 2 Next, the end of the intestines is attached to an opening on the abdomen. (What...)
- 3 A sample is taken from the cervix.
- 4 After that, a tube is passed through the urethra. (What...)
- 5 The glands are then removed from the axilla. (What...)
- 6 Next, a sample is removed from the lung. (What...)
- 7 After that, a tube is advanced down past the prostate into the bladder. (What...)
- 8 A dye is then injected into the pancreatic and bile ducts to visualize them. (What...)
- 9 The muscle is repaired with a mesh.

B Work in pairs. Decide which statement in A might be said during one of these tests and procedures.

- a \_\_\_ cystoscopy
- b \_\_\_ radical mastectomy
- c \_\_\_ colonostomy
- d \_\_\_ colonoscopy
- e \_\_\_ colposcopy
- f \_\_\_ ERCP (endoscopic retrograde cholangiopancreatography)
- g \_\_\_ catheterization
- h \_\_\_ bronchoscopy
- i \_\_\_ herniorrhaphy

C In pairs, prepare a short dialogue between doctors explaining the endoscopy procedure. Use expressions with *What*.

## Additional passive voice exercises

**43.3** Rewrite these sentences. Instead of using *somebody* or *they* etc., write a passive sentence.

- 1 Somebody has cleaned the room.  
The room has been cleaned.
- 2 Somebody is using the computer right now.  
The computer \_\_\_\_\_
- 3 I didn't realise that somebody was recording our conversation.  
I didn't realise that \_\_\_\_\_
- 4 When we got to the stadium, we found that they had cancelled the game.  
When we got to the stadium, we found that \_\_\_\_\_
- 5 They are building a new ring road round the city.  
\_\_\_\_\_
- 6 They have built a new hospital near the airport.  
\_\_\_\_\_

**44.1** Write these sentences in another way, beginning in the way shown.

- 1 They didn't give me the information I needed.  
I \_\_\_\_\_
- 2 They asked me some difficult questions at the interview.  
I \_\_\_\_\_
- 3 Amy's colleagues gave her a present when she retired.  
Amy \_\_\_\_\_
- 4 Nobody told me about the meeting.  
I wasn't \_\_\_\_\_
- 5 How much will they pay you for your work?  
How much will you \_\_\_\_\_
- 6 I think they should have offered Tom the job.  
I think Tom \_\_\_\_\_
- 7 Has anybody shown you what to do?  
Have you \_\_\_\_\_