

Review

Complete the following sentence:

Oestrogen is a female hormone.

Let me explain it

Once bitten,

If you go to another country with friends, you will be less likely to with the locals.

This is a Line: - - - - -

The price of oil increased 3-..... . Some years ago.

- sex, to you, twice shy, mingle, dashed, 3-fold
- **oestrogen**, MAINLY US **estrogen** /'i:.strəʊ.dʒən/ /'es.trə-/

Video Project 5: Your Choice!

Topics

- Laura and Hélène forensic odontology or paediatric dentistry
- Heloise and Chloé dental sedation

Wisdom Tooth Extraction

First I am going to disinfect my hands. I take a look at the X-ray. She needs a wisdom tooth extracted. The X-ray is a little bit off centre. I don't see the detail I want to see in that. I take a look in the mouth. The gum is swollen around her wisdom tooth. We are going to take an individual periapical X-ray of the tooth. I am going to numb the patient. We use some topical anaesthetic. We use a pulse oximeter to get her pulse and oxygen saturation. That's more important with people who have cardiovascular or respiratory problems or when we are doing sedation. Also we need the blood pressure. We don't expect to find many problems with a young healthy patient. We give her an injection with lidocaine 2%, painless injection with a thin needle. The patient is doing well here. She used to be very very phobic but she is doing a lot better now. We are going to have her sign a consent for the procedure. More importantly, we explain to her beforehand what we are going to do and what potential complications there are going to be. This is a small periapical X-ray of the area. You see the wisdom tooth on the far right. It's partly covered with tissue, not in a good position. I will use a little articaine 4% (?) around the tooth. I am going to numb her up a little bit extra around the tooth. That helps make sure that she feels no pain at all during the procedure. We like to do this while she is already a bit numb. Then I use a straight elevator...

- **swell** /swel/ verb swelled, swollen or swelled
[I or T] to become larger and rounder than usual; to (cause to) increase in size or amount:
It was obvious she had broken her toe, because it immediately started to swell (up).

swollen /'swɒl.ɪn/ adjective

larger than usual:

a bruised, swollen face

The stream is swollen because of the heavy rain.

- **numb** /nʌm/ adjective

If a part of your body is numb, you are unable to feel it, usually for a short time:

I had been lying awkwardly and my leg had gone numb.

My fingers were numb with cold.

numb /nʌm/ verb [T]

to make something or someone feel numb:

The extreme cold numbed her face and hands.

- **metre** (Brit.), **meter** (US)
the 100-metre race

meter

a taximeter, a parking meter, a gas meter, an electricity meter

- sphygmomanometer = blood pressure cuff

Dental Equipment

The high-speed turbine drill which is used to restore teeth. They come with a variety of bits that could be inserted, from 150 to 500 thousand RPMs, a very efficient cutting tool. There is a water spray that comes out of the hand-piece so that it doesn't overheat.

The typical low-speed drill has a lot of torque but the revolutions are much slower, anywhere from a thousand to maybe 5 thousand rpms.

Many of the filling materials we use these days are light-cured. You can put the filling in as a paste, and then once it is shaped and ready to go, then a curing light is used to deliver a high-intensity light beam that starts the catalytic reaction that makes the filling harden.

Micro-abrasion is nothing more than a very sophisticated sandblaster. It shoots a very very fine stream of abrasive (material). It could be used to etch the surface of the tooth. It can be used to remove shallow decay. It is very handy because, since the particle size is very small, it doesn't create very much friction, heat or vibration, so often you can remove small areas of decay with it comfortably.

Lasers are used for removing tooth structure and gum structure. Actually, lasers are much more effective with gum structures than tooth structures.

- **torque** /tɔ:k/ /tɔ:rk/ noun [U] SPECIALIZED
a force which causes something to rotate
- **rpm** /,ɑ:pi:'em/
ABBREVIATION FOR **revolutions per minute**: used when stating the number of times something goes round during a minute

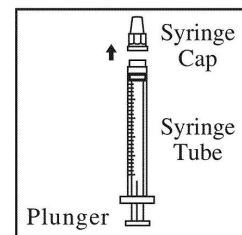
- **cure** /kjuə/ /kjʊr/ verb [T]
to treat food, tobacco, etc. with smoke or salt, etc. in order to stop it decaying, to promote hardening of (fresh concrete or mortar etc)
- **beam** /bi:m/ noun [C]
a line of light that shines from a bright object:
We could just pick out the path in the weak beam of the UK USUALLY torch/US flashlight.
The rabbit stopped, mesmerized by the beam of the car's headlights.
- **etch** /etʃ/ verb [T]
to cut a pattern, picture, etc. into a smooth surface, especially on metal or glass, using acid or sometimes a sharp instrument:
He etched his name on a piece of glass.
- A **shallow** river (e.g. 0.5 metre deep) ≠ a **deep** river (e.g. 7 metres deep)
A **narrow** river (e.g. 1.5 metres across) ≠ a **wide** river (e.g. 10 metres across)

☑ Syringe / needle / plunger

Pronunciation:

☑ Syllabic "N", Syllabic "L"

- Britain /'brɪt.ən/ <--> /'brɪt.n/
- travel /'træv.əl/ <--> /'træv.l/



And finally homework:

1. Print-out the class notes and review it actively. (Don't just read it! Try to use the sentences and talk to yourself or your friends about it.)
2. Make comments on your classmates' video-projects (and your own as well, if you like) as soon as they are uploaded to LanguageClassLive.
3. Watch videos, listen to radio programmes, read... IN ENGLISH!!!
 - You could try my website 1stparagraph.com on which I provide a selection of different articles and videos on the Internet which I think are worth reading:
<http://cyberend.com/01/category/1stparagraph/english-1stparagraph/>
You read the first paragraph on 1stparagraph.com and if you like it, you click on the link to go to the source website and read the whole article.
While reading the first paragraph on 1stparagraph.com, if you come across any new words, just double click on the word, or highlight it, to get a menu allowing you to look up the meaning in a dictionary of your choice.