**The first Surgery Practical lecture is available online in the links below as (Prezi) form:**

**-Principles of History Taking in Surgery:**

<https://prezi.com/z8spfetftd2y/principles-of-history-taking-in-surgery/>

**-Introduction to Clinical Examination in Surgery:**

<https://prezi.com/m/80-posqgqsdz/introduction-to-clinical-exam-in-surgery-351/>

\*Note that even if you download them you will not be able to edit them or even to write your notes, So we copied the lecture’s outline and contents as a transcript below.

Good luck!

**- Principles of history taking in Surgery:**

A proper history and physical exam will get you to your diagnosis almost 70% of the time

Name, age, occupation  
History of chief complaint  
Past Medical History  
Past Surgical History  
Medications/tetanus  
Allergies  
Smoking  
Review of systems

**Pain:**  
Site  
Time and mode of onset, duration  
Nature of pain (sharp, dull, stabbing, aching, burning)  
Pattern of pain attack (continuous, intermittent)  
Radiation  
Severity ( scale from 1 - 10 )  
Aggravating and relieving factors

**Chief Complaint (Reason for Referral RFR):**What?  
Why?  
Where?  
When?   
How?

**Lump/mass/ulcer:**  
Location  
How/when did you notice it  
Change in size/color of skin  
Pain  
Discharge or bleeding  
Affecting function or daily activities  
Any other ones?

**Constitutional symptoms:**  
Weight loss/gain  
Fever/night sweats  
Loss of appetite

**Any similar symptoms in other areas of the body or in the past**

**Past Medical History:**  
Do you have any other/chronic medical problems?  
Do you have diabetes, high cholesterol, high blood pressure, asthma?  
Is it controlled?   
Have you been hospitalized for this problem?  
What medications are you on?

**Past Surgical History:**  
Have you had any operations in the past?  
what? when? where was it done?  
any complications?  
(infection, wound healing, recurrences)

**Pregnancy:**  
Are you/Could you be pregnant? What medications are you taking?  
inhalers (for asthma)  
oral contraceptives  
blood thinners (aspirin or warfarin)  
When was your last tetanus vaccine? usually given every 10 years important question in trauma

**Allergies:**  
Do you know if you are allergic to any medications?  
How did you find out?  
What happens if you take that medication?  
What do you do if you get an allergic reaction?

**Smoking:**  
Do you smoke?  
What do you smoke?  
How much/day?  
When did you start?

**Review of Systems:**  
GI  
Resp  
Cardiovascular  
Urogenital  
Nervous  
Musculoskeletal

ID (name, age, gender, occupation)  
RFR (chief complaint with date of admission or date of complaint-in the patient's words)  
HPI (history of presenting illness)  
PMH, PSH, Meds, Allergies  
Review of systems

Putting it all together (Presenting)

Review of system involved Summary

**-Introduction to Clinical Examination in Surgery:**

**Examination setting:**

Introduce yourself to the patient (greeting, name, level, what you are going to do)

Wash your hands and warm them

Make sure that the patient is setting, laying in a comfortable position

**Patient privacy**

Close the door/curtains

Make sure the patient is not exposed

Ideally you should have a nurse (or a second person) with you when you examine the patient regardless of the patient gender

You can learn a lot by just observing your patient and paying attention to details

**Does the patient look generally health or sick?**

Sings of weight loss (chachexia)

Level of energy

Comfortable / pain / facial expression

Casts, catheters or monitors

Vital signs: (BP, HR, Oxy sat and temp)

Cyanosis, pallor or jaundice

**The face:**

**Facial expression**

**Eyes:** (Conjunctiva for pallor, Sclera for jaundice, Pupils, arcus senilis or Kayser Fleischer ring )

**Mouth**: (Oral mucosa, Hydration, Ulcers and Dental hygiene)

**Lips:** Cyanosis (central)

**Skin:** (Jaundice, Rashes, Discoloration, Dilated veins, Hair)

**The hands:**

Cyanosis: (peripheral)

Clubbing

Capillary refill

Temperature

Tremor

Tone

Pallor

Nails

Wasting of muscles

Joint deformities

**Lymph nodes:**

Neck

Axilla

Groin