

## C5L22 - Ashley Hay

(0:05 - 1:07)

Hello, Ashley Hay again with HTA. I realised you just finished your module for general surgery. So, this module I know is quite long, but it was packed with really great content and a lot of info.

One thing that I do just really want to drive home, a key concept for you, is just talking about case planning a little bit more. Case planning is really important as a surgical tech for planning and implementation, just really trying to make sure that everything that you might need is available for when you need it. So, for example, I would say, you know, the surgical tech's familiarity with just common procedures in general, especially abdominal procedures, specifically abdominal wall procedures, think like hernia, things like that.

(1:07 - 5:33)

Your knowledge of those procedures and then your ability to successfully prepare and anticipate for the surgery will really contribute to the successful surgery overall. So, also being really aware of like key anatomy and anatomical structures will really help as well for your case planning. So, just really studying the GI system and the walls and the different quadrants and the different incisions that are able to be made will just really help you anticipate a need for instruments that might be used, including things also like sutures too and different types that are available for use.

Also, understanding different types of surgical techniques. That's something that you really want to look into as well. And make sure that you're reading your ebook as well.

In addition to what was covered in the module, this was really, you know, general surgery is just packed with potential content. So, there is quite a bit to cover. So, I'm hoping that maybe in bringing some key concepts to your attention, you'll kind of know what to really look at.

So, yeah, just different types of surgical techniques and understanding what they involve can also, again, help you successfully prepare and case plan for surgery. So, things like knowing the difference between sharp and blunt dissection, resection, and just like when they're used in different types of surgery and how they make the surgery a bit more proficient is always helpful. Knowing the difference between anastomosis and mobilisation perhaps.

One good example, I think, case planning is just talking about different kinds of clamps that you want to have available. So, knowing, for example, that vascular instruments, for example, are needed for open resection procedures and for major hepatic liver surgery. Also, knowing that you'll likely need a lot of right angle clamps with almost all procedures really, but it's important for, you know, there's a lot of blood vessels and bile ducts.

So, right angle clamps allow the surgeon to reach underneath and around the blood vessels and even the connective tissue attachments of the organs. Also, knowing just general surgery instruments, what you would want to have. And I would say open and laparoscopic procedures, specifically of a lot of things in the abdomen.

So, liver, biliary system, pancreas, even the spleen. Basic general surgery instruments are definitely needed for those. And yeah, just knowing that, you know, anytime that there's general surgery of the hepatic system or the spleen, they're highly vascular.

So, a tear or rupture can really occur at any time that's difficult to control. So, you know, just knowing that you may need to quickly grab instruments to control the bleeding. So, for some other key concepts, I think just knowing basic pathology also of the breast.

That definitely will help you in your care of the patient and case planning appropriately as well. Not only knowing the anatomy of the breast, but also the tissue structure, because it will really be important in selecting the correct instrument, you know, having them available and set up prior to surgery, but also selecting the correct one during surgery as well. Yeah, and just knowing your key anatomical structures, like I mentioned, really important.

So, yeah, I hope you find the key concepts helpful and you can dig in a little bit more on your own through your ebook and keep on moving through this course till next time.