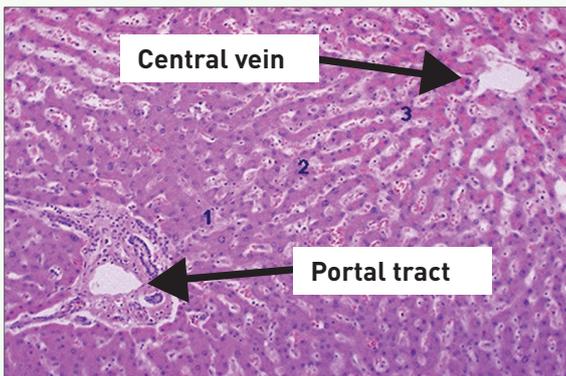




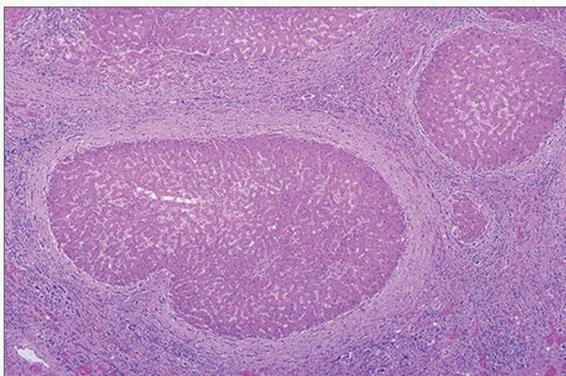
Disease Detectives: information sheet

What to do

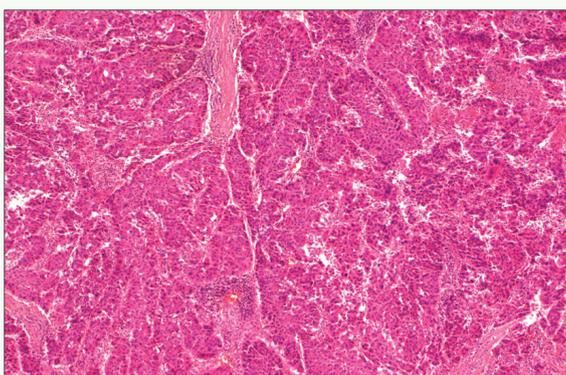
1. This exercise is designed to give you some experience of what hospital pathologists actually do. Start by reading through this sheet and the 3 patient case notes your team has been given, talk through anything you don't understand.
2. Collect the 3 slides and microscope assigned to your team, set up your microscope.
3. The whole team should look at the slides and together try and decide which patient matches which slide. Fill in your answers on the back of the patient case notes work sheet and be prepared to explain your answers and reasoning to everyone at the end of this exercise.
4. If your team needs some help feel free to ask your teacher, the visiting pathologist or the session facilitator.



Slide A: A slide image of a **normal liver**. Notice how the hepatocytes (pink wobbly shapes) and sinusoids (white-ish shapes between the pink shapes) are distinct and arranged between the portal tract and the central vein.



Slide B: A slide image of a **cirrhotic liver**. Notice how the hepatocytes are surrounded by scar tissue (fibrosis), and are grouped together in nodules.



Slide C: A slide image of a **cancerous liver**, also known as **Hepatocellular Carcinoma**. Notice how there is no order or 'architecture' to the cells, no portal tracts and no central veins. If you look closer the cells are different sizes with larger than normal nuclei.