



**The Clatterbridge
Cancer Centre**
NHS Foundation Trust

Supporting your patient

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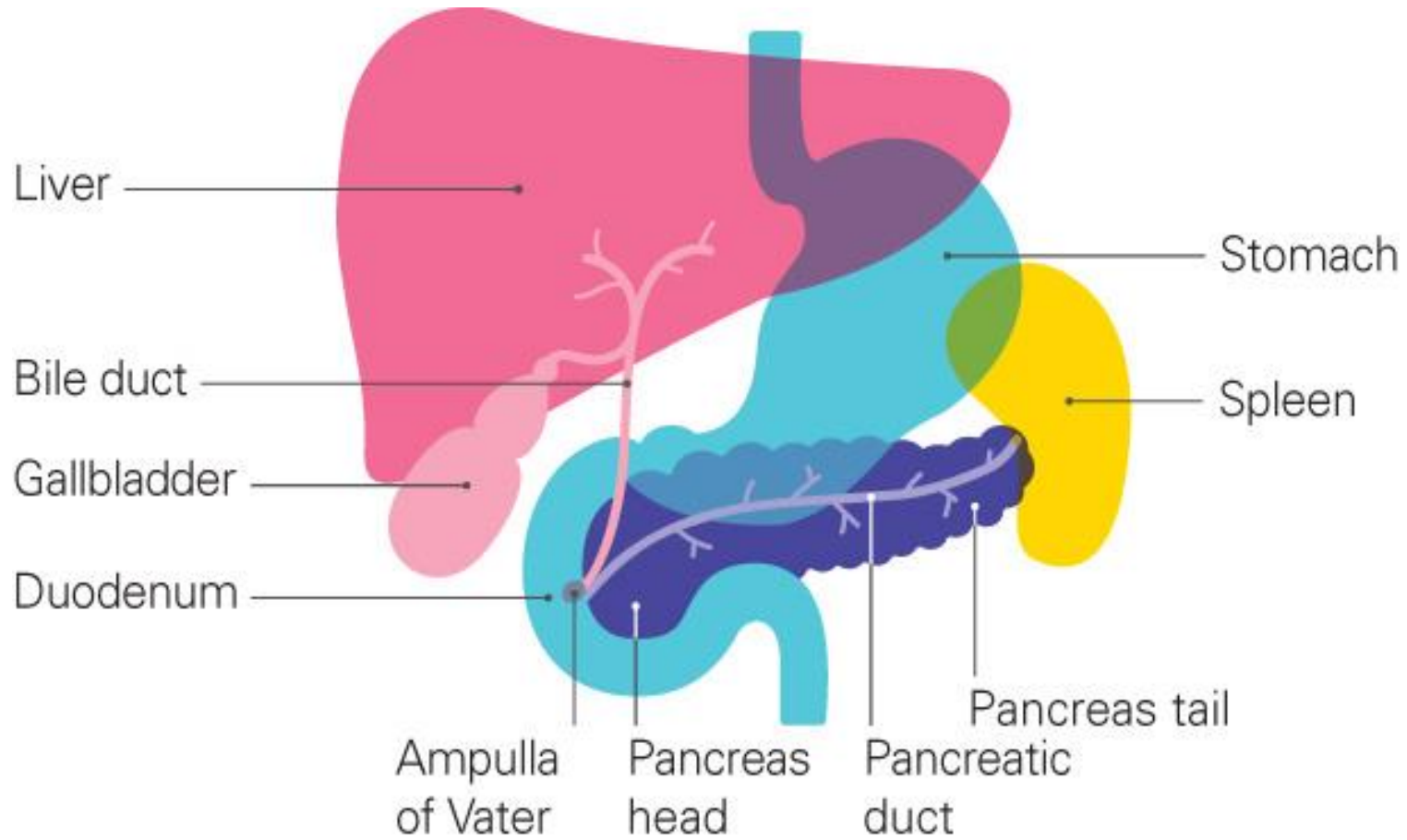
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Supporting your patient

- Pain
- Jaundice
- Fatigue



Pancreatic Cancer



Pain



Types of pain

Nociceptive

- Somatic - caused by activation of pain receptors in skin or muscle. Usually well localised and sharp if at the skin level or aching if in the muscle. E.g. post-surgical pain.
- Visceral - caused by stretch of pain receptors surrounding body cavities. Usually dull and severe and poorly localised. E.g. Liver capsule pain.

Neuropathic - caused by damage to nerves (either by compression, infiltration or chemicals). Usually pain is sharp, burning, stinging or shooting. Can be extremely severe and often needs specific types of analgesic.

Bone - caused by activation of pain receptors in and surrounding the bone. Typically pain is dull but well localised, and worsened by movement. E.g. bone metastases.

Psychological (total) - psychological distress can cause severe generalised pain, or worsen an existing pain beyond the severity of the cause. Does not respond well to medications, and requires a holistic approach to management.



But there are other pains for this group of patients....



Chemo



Constipation



Digestive pain
& cramp



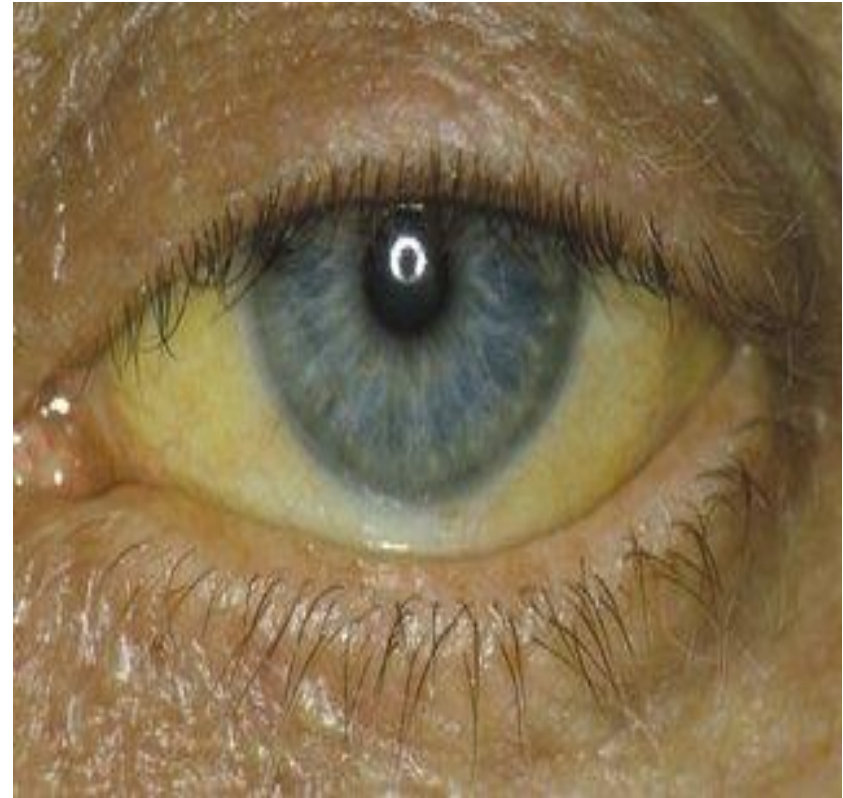
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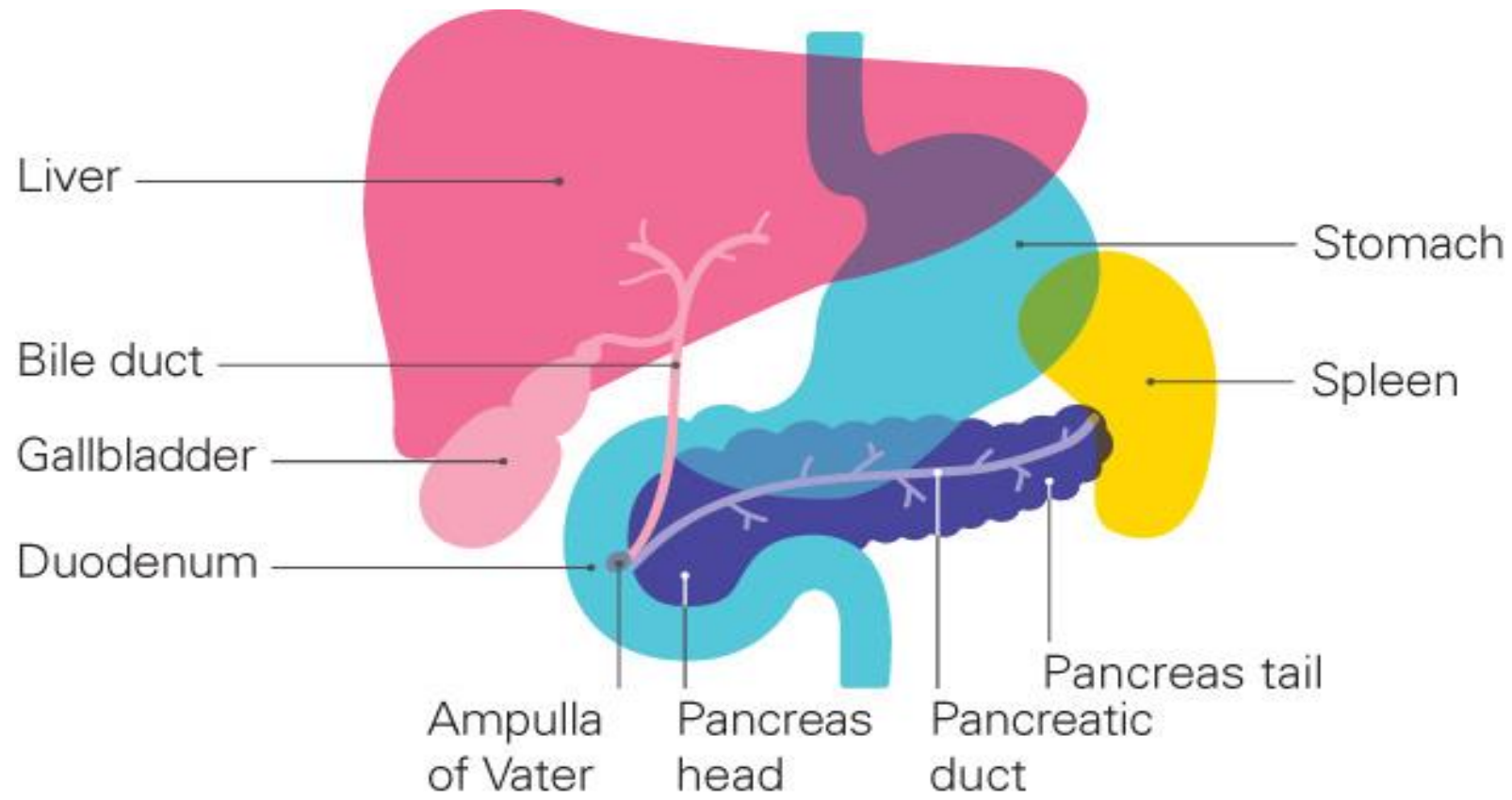
Who should you refer to?



Jaundice



Jaundice



Jaundice- Signs and Symptoms

- Yellow eyes and skin
- An itchy feeling
- Pain
- Fever
- Dark urine & pale poo



Who should you refer to?



Fatigue



Causes



Who to refer to?



Summary



- Yellow eyes and skin
- An itchy feeling
- Increased pain underneath right rib cage
- Dark urine & pale poo



- Pancreatic cancer pain is tricky because of the anatomy
- Visceral, nociceptive, neuropathic elements are all present combined with psychological influence
- The treatments cause pain also requiring distinct management
- Referral to appropriate healthcare professional



Questions?

