resolution. Further studies to investigate these changes may help reveal potential therapeutic targets for AH.

P027 RETROSPECTIVE ANALYSIS OF BONE PROTECTION CARE IN PRIMARY BILIARY CHOLANGITIS (PBC) IN A DISTRICT GENERAL HOSPITAL

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Introduction We performed a review of bone management and follow up among patients with Primary Biliary Cholangitis (PBC) at Mid Yorkshire Hospitals NHS Trust (MYHT). MYHT provides hospital services to a population of 530,000.

Methods We undertook a retrospective analysis of 542 patient records and clinic letters through Cito, which is the Trust's electronic Document Management System and ICE system. We included patients who were under the outpatient care of both the Hepatology and Gastroenterology services over a 3 year period from December 2017 to December 2020.

Results In term of bone care, 54% (n=21) had up to date bone density scan (DEXA), 33% (n=13) have never had a DEXA scan and 13% (n=5) have had DEXA scan in the past but were due for a repeat scan. Among those who had a DEXA scan (n=26 and 67%), 42% (n=11) of them had osteoporosis and 31% (n=8) had osteopenia.

In respect to PBC patients diagnosed with osteoporosis or osteopenia, only 10% (n=2) were not on any bone protection therapy. This includes bisphosphonates, calcium and vitamin D replacement. However, depending on the serum level of calcium and vitamin D of patient, they are able to get calcium and vitamin D over the counter and therefore not prescribed by hospital or GP. Calcium and Vitamin D replacement is essential since there is sufficient evidence suggesting calcium and vitamin D alone prevent bone loss and reduce fracture.¹

Discussions It was recommended by National Institute for Health and Care Excellence (NICE) that after a minimum of 2 years, risk assessment need to be undertaken among the population whose original calculated FRAX score was in the region of the intervention threshold for treatment. It was unsure whether they have had a risk assessment for osteoporosis since the Fracture Risk Assessment Tool (FRAX) score was not documented in clinic letters.² Therefore, we need to ensure risk assessment for osteoporosis is performed in the clinic and documented clearly in the clinic letter using the FRAX score.

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Abstract P027 Table 1

	Number of patients (n=39)
Bone protection	
Osteoporosis	12
Osteopenia	8
Normal	7

P028 CHRONIC LIVER DISEASE, PLATELET TRANSFUSION & QUALITY OF LIFE – A BRITISH LIVER TRUST PATIENT-SURVEY

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Introduction For patients with chronic liver disease, thrombocytopenia is a common complication that impacts on management of cirrhosis and has implications for planned surgical/diagnostic procedures due to an increased risk of bleeding. Platelet transfusion (PT) has been the standard of care for management of thrombocytopenia. There is a need to better understand the views and experiences of UK patients with advanced disease and how their condition, and requirements for PT, affect quality of life.

Method The British Liver Trust (BLT) undertook a patient survey between December 2020 and February 2021. Patients were invited to participate via BLT channels (monthly newsletter; patient support groups) answering 30 questions (anonymously) via the Survey Monkey platform. The survey was conducted independently by the BLT, supported by an educational grant from Shionogi.

Results A total of 121 patients completed the survey. Alcohol related liver disease was the most commonly reported primary liver disease (28%); 63% of respondents were female; 73% were aged over 45 years, and 51% have been told they may require a liver transplant in the future. A large proportion (69%) of patients reported that liver disease sometimes affects their ability to think clearly. Half of responders recorded having to take time off work for liver-related hospital appointments; 40% travel > 25 miles to their liver centre/hospital for routine appointments, and 55% said that the COVID-19 pandemic had led to procedures related to their liver disease being cancelled. Many patients (62%) reported that healthcare professionals (HCPs) have difficulties inserting a needle into a vein and 40% noted that they have needed a dental extraction since being diagnosed. Almost a third (30%) have required a PT at some time, and of those, 70% had to stay in hospital the night before the PT. Patients reported that the reasons for needing a PT were typically well-explained. Among recipients of PT, 42% said they felt unwell during or post the PT. Following completion of the survey, 33 patients provided consent for voluntary follow-up and supplementary questions from the BLT.

Conclusions A survey of patients with chronic liver disease highlights that the COVID-19 pandemic has impacted on and delayed planned procedures, and identifies that both chronic liver disease, and the requirement for PT, pose a burden to patients that may adversely affect quality of life.

P029 PLASMALEMMMA VESICLE-ASSOCIATED PROTEIN (PLVAP) MEDIATES MONOCYTE TRANSMIGRATION ACROSS HUMAN HEPATIC SINUSOIDAL ENDOTHELIUM IN RESPONSE TO THE SENESCENT SECRETOME

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