



## Poster Presentation

### AB004. Quality of life in patients who underwent liver resection: a single centre study

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**Background:** Hepatic resection has evolved into a common surgical procedure for a wide range of benign and malignant indications. It has been widely accepted that long-term quality of life (QoL) has been used as a valuable outcome parameter in the success of surgical treatment. This retrospective study is aimed to evaluate postoperative QoL after resection of benign or malignant liver tumors.

**Methods:** A total of 52 patients who underwent liver resection were enrolled in the study. Post-operative outcomes were assessed and QoL were evaluated using the

Quality of Life Assessment Forms (Functional Assessment of Cancer Therapy-Hepatobiliary Version 4/FACT-Hep v4) prior to surgery, and during their follow up at 30 and 90 days following surgery.

**Results:** The quality of life assessment revealed an overall improvement of general health status after resection (from  $129.30 \pm 22.96$  pre-operatively to  $146.63 \pm 20.52$ ,  $P < 0.001$ ). Female gender was negatively associated with emotional well-being and overall QoL scores while tumor size  $> 2$  cm was associated with lower overall QoL score. The rate of serious complications ( $>$  grade 2) was 15% with no post-operative death.

**Conclusions:** Hepatic resection results in significant enhancement of QoL in patients with liver tumors. FACT-Hep questionnaire provides a reliable prognostic indicator in the overall survival for patients with who underwent liver resection.

**Keywords:** Hepatic resection; liver resection; quality of life assessment (QoL assessment)

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