

INTERNATIONAL SYMPOSIUM ON RADIOLOGY, NUCLEAR MEDICINE, AND DIAGNOSTIC IMAGING



Dr Ramanivas Sundareyan

University Hospitals NHS Foundation Trust, Birmingham, UK

Role of advanced interventional procedures to facilitate major liver surgery

Surgery is still the definitive management option in treating hepatobiliary malignancies. In addition to optimise patients for liver surgery, various interventional procedures help in widening the scope of it in those who might be eligible for this. Dual Vein embolisation helps in improving future liver remnant and ablations help to treat limited lesions in FLR which helps in achieving major liver resections with curative intent. Sometimes additional IR procedures like biliary drainage also help in achieving this in selected patients. Patient selection after elaborate evaluation and MDT discussion is important to maximise the successful outcome. Meticulous image guided techniques based on anatomy is also crucial in limiting potential adverse effects. Retrospective data collection in a single tertiary center between Oct 2018 till February 2025 was done and analysis done in terms of technical success, hypertrophy of FLR volume, rate of successful surgery as primary outcome. Complications related to the procedure, reasons for not proceeding with surgery were analysed as secondary outcome. IR procedures are safe and effective in widening the scope of potential liver resections with acceptable risks.

Keywords

Dual vein embolisation, ablation, Liver resection, Image guided embolisation

Biography

Currently working as consultant interventional Radiologist with focused interest in hepatobiliary interventions. Having close to 18 years of experience in radiology including working in various large health institutions in India, Oman and United Kingdom. Significant experience in teaching radiology trainees, health care workers including nurses, radiographers etc. Having multiple publications in various Peer reviewed journals, taking part in planning radiology training curriculum, clinical audits, research activities and exams.