PERCUTANEOUS TRANSHEPATIC RADIOFREQUENCY AQUA-TERMODESTRUCTION OF HEPATOCELLULAR CARCINOMA.

**Methods:** From 2015, on the bases of the Department of Oncology and Radiology of the Tashkent Medical Academy of Tashkent, 18 patients with hepatocellular carcinoma performed a radiofrequency aqua-thermodestruction. The age of the patients was 52 to 83 years, the average age was $64.2 \pm 4.7$ years, there were 11 (61%) men, 7 women (39%). The tumor size varied from 15 to 48 mm, the number of nodes from 1 to 2. The tumor was located in the right lobe of the liver in 12 (67%) patients, in the left lobe of the liver-5 (27%), bilobar lesion occurred in 1 (6%) of the patient.

**Introduction:** The purpose of the study was to determine the possibility of using radiofrequency aqua-termodestruction as a minimally invasive method for treating hepatocellular cancer.

**Conclusion:** With tumors up to 5 cm in size, patients can undergo surgical treatment in the volume of radiofrequency aqua-thermodestruction, which has all the advantages of minimally invasive methods of treatment and median survival, comparable to that of liver resections. These advantages make it possible to perform radical operative treatment for patients with severe concomitant pathology and age patients who were previously doomed.

**Result:** When analyzing the results of treatment of patients with hepatocellular carcinoma, the following data were obtained: the total volume of intraoperative blood loss was $4.0 \pm 0.5$ ml, the duration of the operation was $39 \pm 4$ minutes, the mean preoperative bed-day was $3.00 \pm 0.99$, postoperative - $5.10 \pm 0.68$. Survival of patients after water-moderation: 1-year-old - 89%, 2-year-old - 78%, 3-year-old - 67%. The maximum life expectancy was 59 months. There were no lethal outcomes, only 2 complications were observed: the cyst in the destruction zone and the abscess of the destruction zone.