

## **SUMMARY**

### **RESULTS WITH ANTERIOR HEMIHEPATECTOMY AND MESOHEPATECTOMY WITHOUT HILAR DISSECTION IN TREATMENT OF LIVER TUMOUROUS DISEASES**

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The results, achievements and new findings of our work are summarised as follows:

The modification of the dissection method of the liver hilus introduced in anterior hemihepatectomy (AHH) and mesohepatectomy (MH) surgeries is suitable for the resection of large and centrally located liver tumours, because

1. The method introduced in connection with AHH did not lengthen the time of surgery significantly compared to traditionally performed hemihepatectomies (HH).
2. We proved that we could not only maintain favourable indicators regarding the use of blood in the course of AHHs recorded in related publications, but could achieve significantly more favourable blood use results with this method compared to traditionally performed HHs.
3. The perioperative morbidity of the modified liver resection method applied in the course of AHH was similarly favourable to that of traditional HHs, while mortality data were unequivocally better when performing AHH. We proved that the introduced method did not lengthen hospitalization significantly.
4. The late survival results did not differ significantly in the case of the modified AHH technique compared to conventionally performed HHs.
5. The time interval after surgical procedure could be significantly shortened by our modification of the technic mesohepatectomy (MH) compared to traditionally performed HHs and the length of surgery was also significantly shorter than in previously reported literature.
6. We proved that the introduced MH surgical procedure does not increase blood requirements in patients compared to traditionally performed HH surgeries even our results were significantly better than in previously reported papers.
7. We proved that our modification of MH ensures similarly good postoperative morbidity data as the MH technique described in literature while preserving the advantages regarding the favourable length of hospitalization.

Keywords: liver surgery, anterior approach for liver resection, hemihepatectomy, mesohepatectomy

Kulcsszavak: májsebészet, anterior májreszekció, mesohepatectomia, hemihepatectomia