

Supplementary Material

Table S1 Supplementary information of 6 patients undergoing laparoscopic radical resection of hilar cholangiocarcinoma

| case | Median size of tumor | TNM stage | R stage | Atypical hyperplasia | Vascular invasion | knots |
|------|----------------------|-----------|---------|----------------------|-------------------|-------|
| 1 | 2.1cm | T4N0M0 | IIIB | N | N | 4 |
| 2 | 3.6cm | T2N0M0 | II | N | Y | 4 |
| 3 | 1.5cm | T2N0M0 | II | N | N | 4 |
| 4 | 1.7cm | T2N0M0 | II | N | N | 4 |
| 5 | 2.4cm | T2N0M0 | II | N | N | 4 |
| 6 | 2.0cm | T2N0M0 | II | Y | N | 4 |