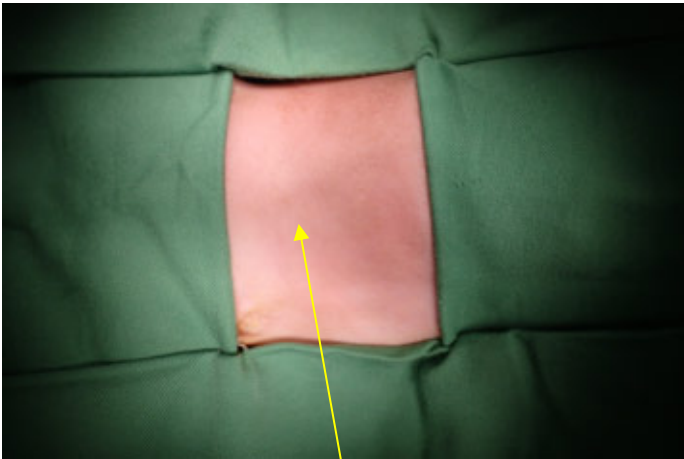
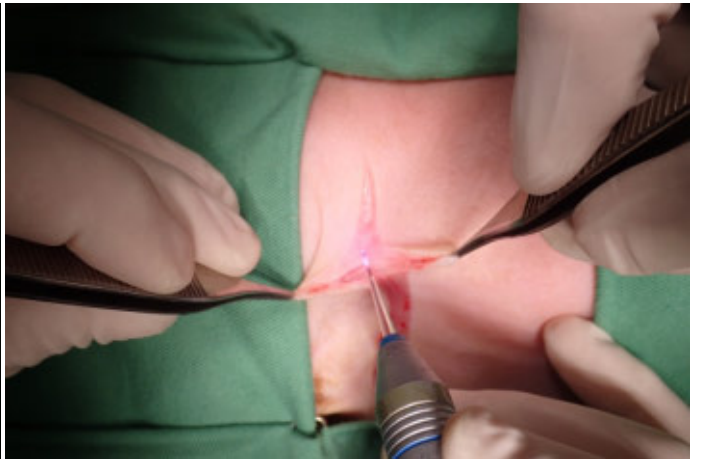


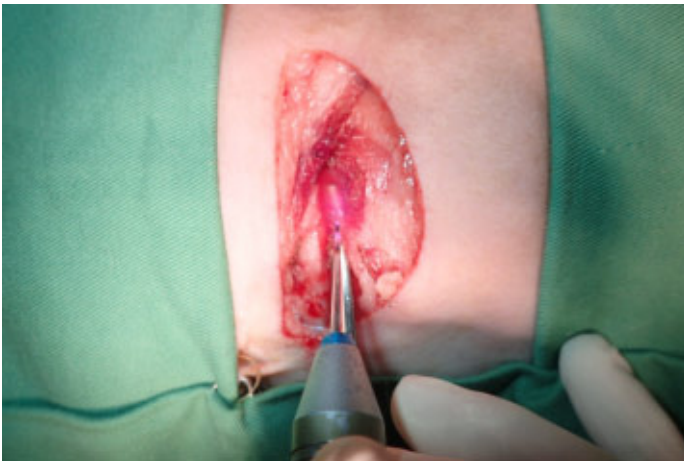
動脈管開存症手術



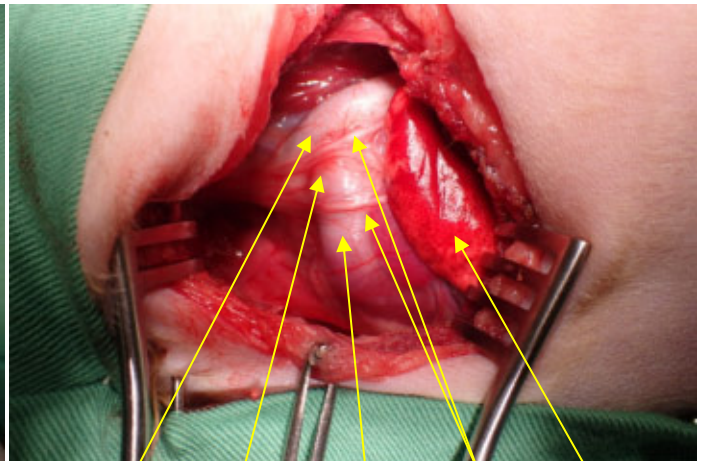
第4-5肋間を切開



皮下組織をレーザーメスにて切開



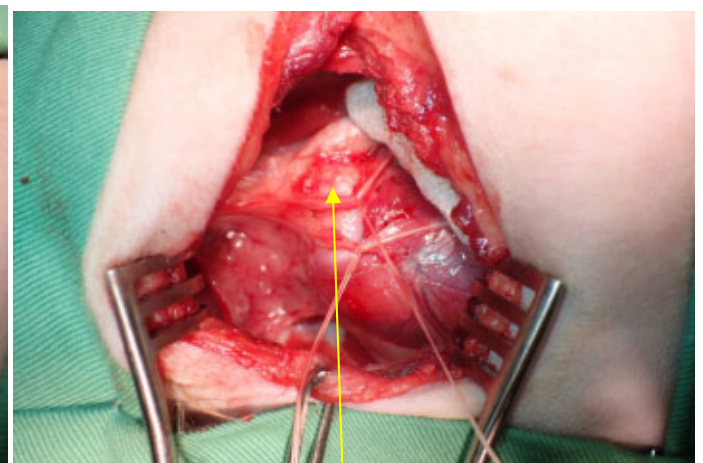
外内肋間筋、強膜を切開し開胸



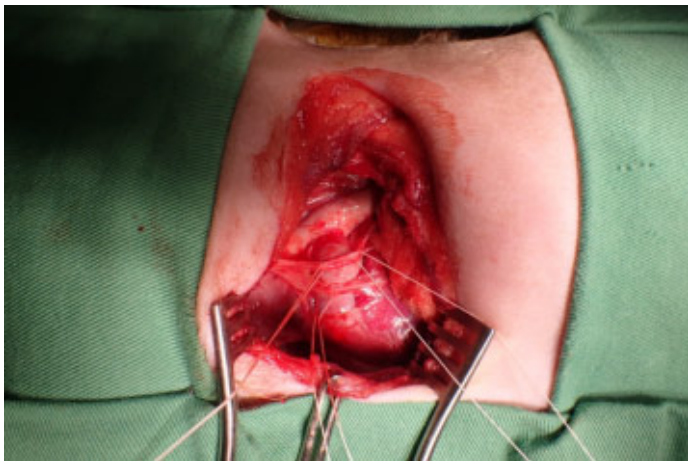
大動脈 動脈管 肺動脈 迷走神経 肺



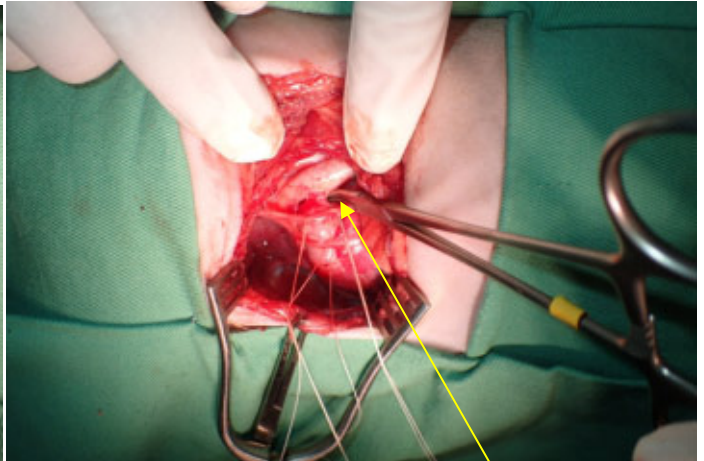
心嚢膜を切開し 迷走神経を牽引



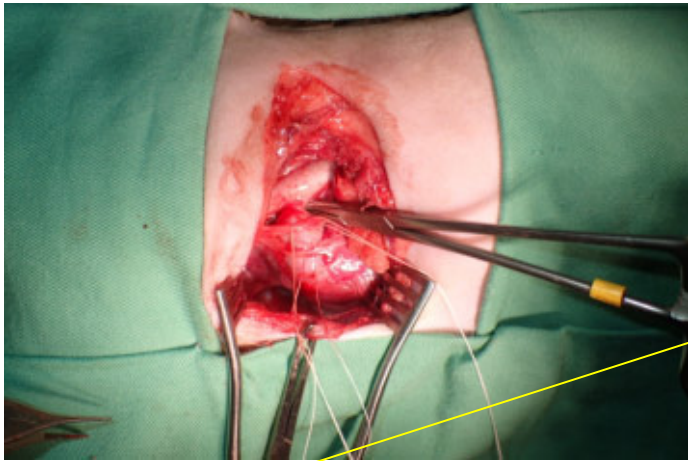
動脈管の位置



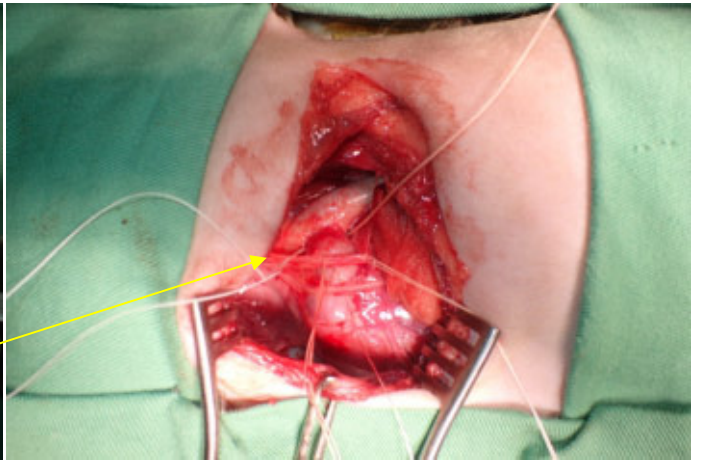
迷走神経を牽引



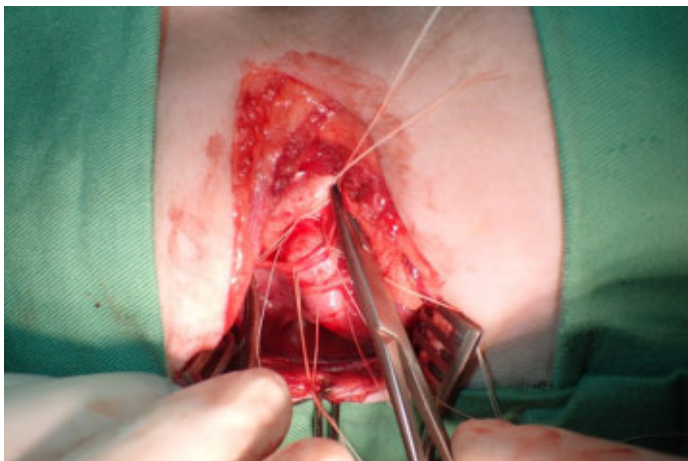
動脈管をたの組織から剥離



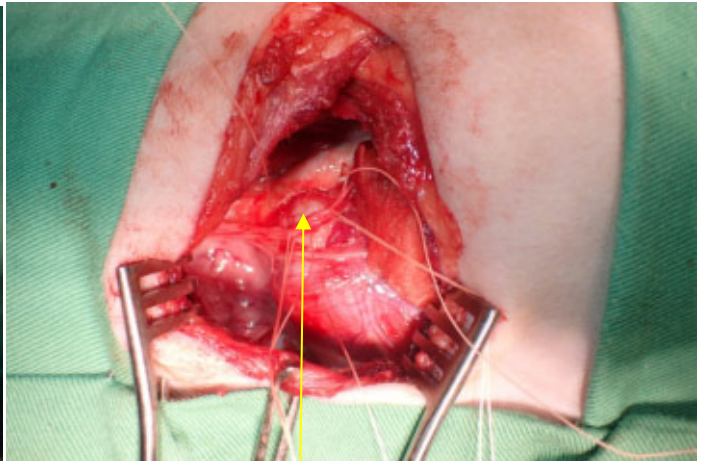
剥離を終了し結紮系をかける



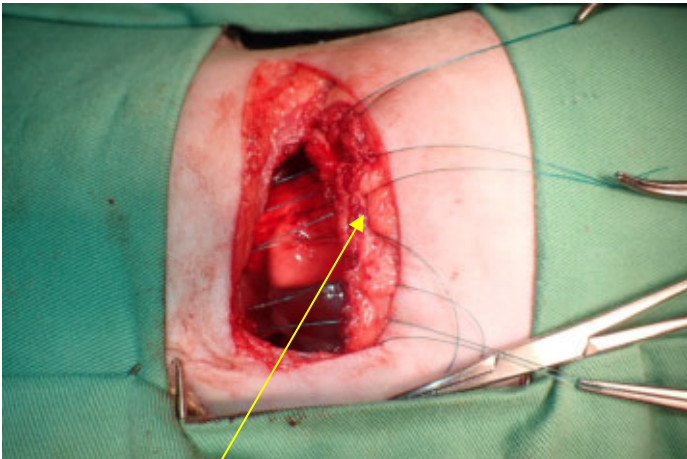
血圧を見ながらゆっくりと動脈管を結紮



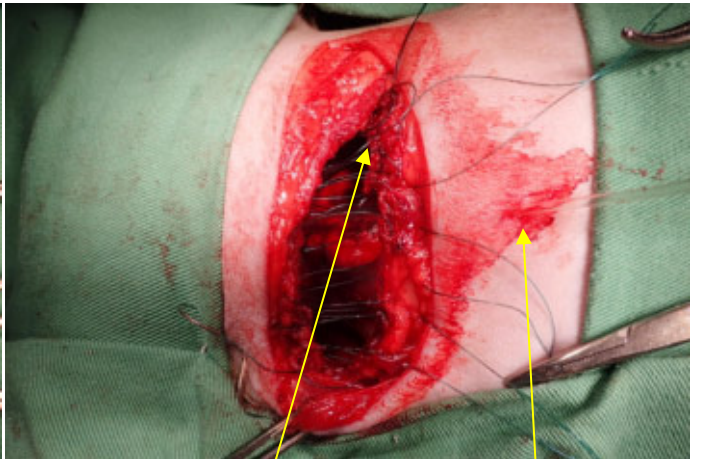
2本目を結紮中



結紮終了



肋間に縫合糸をかける



胸膜肋間筋を連続縫合 ドレーンの留置



閉胸



筋肉 皮下組織の縫合



皮膚縫合終了