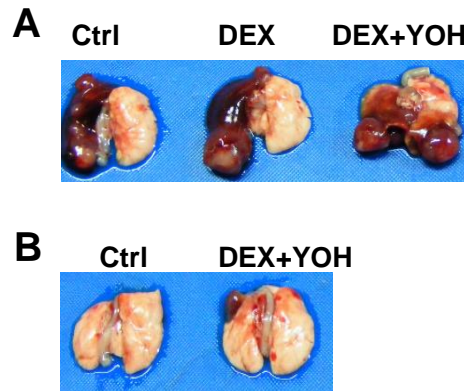


Additional file 2: Figure S2



Additional file 2: Figure S2. DEX promotes tumour metastases in mice exposed to tumour excision. 1×10^6 LLC cells were injected s.c. into the dorsa of C57BL/6 mice. When tumors were $1,500 \text{ mm}^3$ in size, the mice were divided into 3 groups and treated with PBS (Ctrl group), dexmedetomidine (DEX group), or dexmedetomidine and yohimbine (DEX+YOH group). Then the mice immediately underwent surgical removal of the tumor. **A.** When the mice showed dyspnea, they were euthanized and their lungs were removed. **B.** On day 60 after tumor resection, the survived mice from Ctrl and DEX+YOH group were euthanized and their lungs were removed.