



Supplementary Fig. 3. Representative case of "multifocal" recurrence. A 76-year-old man with newly diagnosed GBM in the left frontal region. A-C : Gross total removal of tumor was followed by BCNU wafer implantation with adequate closing of the ventricle. D-F : Eleven months after surgery, recurrence occurred within 1.5 cm from the resection cavity margin as well as at another site distant from the resection cavity. G and H : Second surgery confirmed GBM recurrence. GBM : glioblastoma, BCNU : bis-chloroethyl-nitrosourea.