



**S5 Fig.** Representative cases. (A) Patient No. 6 was evaluated that the response was SD according to the Response Evaluation Criteria in Solid Tumor. In  $^{18}\text{F}$ -Fludeoxyglucose (FDG) positron emission tomography (PET), he has partial metabolic response after evofosfamide

treatment. The hypoxic parameters measured by  $^{18}\text{F}$ -fluoromisonidazole (FMISO) PET also decreased after evofosfamide treatment. (B) Patient No. 10 was evaluated with progressive disease in both computed tomography (CT) and FDG PET, and elevated hypoxic parameters were observed after treatment. (C) Patient No. 11 was a patient with large liver metastasis as a target lesion. She was evaluated as metabolically stable disease, due to intra-tumoral necrosis after treatment. However, because FMISO PET can assess an increase in hypoxic factors including necrotic areas, it could be assessed as disease progression.