Have you ever experienced the chemotherapy pregnant woman? Most data is case report and retrospective study, the evidence at present is not established. The prospective study might still be difficult for ethical reasons. For a woman, it is a good opportunity of the screening in the early pregnancy, but sometimes finds unexpected complications. Of course, because cancer might be found, the obstetrician must know the knowledge about cancer in a reproductive age. The malignant tumor detected with the pregnancy is said to be approximately 0.1%. It is frequency that many obstetricians experience once. Chemotherapy of malignant tumor during pregnancy should be explained to the patient in consideration of the risks and benefits of treatment, because the wrong treatment may worsen the prognosis of both a pregnant woman and fetus. Here, I comment on chemotherapy during pregnancy and support to patients and their families from the viewpoint of the obstetrician.