Summary: De Quervain Thyroiditis is a self-limited inflammatory disease of the thyroid gland, probably of viral origin. It is an uncommon cause of hyperthyroidism, being more prevalent in women, but very rare in pregnancy. There are only three cases reported during pregnancy according to research conducted in medline in June 2013. The diagnosis is essentially clinical and is manifested by symptoms such as prolonged fever, neck pain, diffuse goiter and hyperthyroidism in the acute phase. We report the case of a first trimester pregnant woman, who presented typical manifestation of de Quervain Thyroiditis, with clinical, sonographic and laboratorial characteristics, and a history of upper respiratory tract infection four weeks before the onset of the thyroiditis. The aim of this case report is to contribute to early diagnosis and treatment of this disease in pregnancy, because although it is rare and self-limited, the De Quervain Thyroiditis can cause irreversible damage to the fetus.