

There is an elevated ESR in patients with subacute thyroiditis. ESR will return to normal by the end of the hypothyroid phase.

Decreased Radioactive Iodine Uptake (RAIU)

[Down-arrow](#) [Radioactive-guy](#)

There is decreased uptake (< 5%) of radioactive iodine in patients with subacute thyroiditis. This is due to follicular cell damage. Also, as TSH secretion is initially suppressed during the thyrotoxic phase, this impacts iodine uptake. Radioiodine uptake normalizes once TSH levels begin to rise during the hypothyroid phase.

Lymphocytic Infiltrate

[Lymph-lime](#) [Infiltrating](#)

Histological features of subacute lymphocytic thyroiditis include lymphocytic infiltration along with sparse germinal centers.

Treatment

Beta Blockers

[Beta-fish](#) with [Blocks](#)

In the thyrotoxic phase of subacute thyroiditis, beta-blockers can control the symptoms of hyperthyroidism (e.g. palpitations or anxiety).

Levothyroxine

[Love-thigh](#)-[rocker](#)

Levothyroxine can be administered during the hypothyroid phase of subacute thyroiditis.

Avoid Antithyroid Drugs

[Avoid-sign](#) [Ant-tie-thigh-droid](#) [Med-bottle](#)

Antithyroid drugs (e.g. methimazole) are contraindicated and should not be administered during the thyrotoxic phase of subacute thyroiditis. They can actually worsen the condition.