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Recurrent medullary thyroid carcinoma treated with percutaneous ultrasound-guided
radiofrequency ablation: a case report

Recurrent MTC treated with RFA

Mengying Tong, Husha Li, Ying Che

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Purpose: Surgical removal is recommended for **recurrent thyroid** carcinomas (RTCs) unable to uptake radioiodine and/or not responsive to chemotherapy. However, repeated neck dissection is difficult for surgeons. Thus, **radiofrequency ablation** (RFA) was proposed for RTCs. The aim of this prospective study is to assess RTC **treatment** response after RFA, according to well-established criteria.

Cited by: 4

Author: S. Mazzeo, R. Cervelli, R. Elisei, G. Tarantini,...

Publish Year: 2018

Radiofrequency Ablation

Uses electrical current produced by a radio waves to destroy a part of nerve tissue and relieve pain.

Type of procedure: Minimally invasive

Recovery time: About one day

Duration: Few minutes

Hospital stay: Typically a few hours

May treat

See all (3+)

Arthritis

Very common

A joint disorder which features inflammation of one or more joints.

Read more

Chronic Pain

Common

Pain that last for more than 3 months.

Read more

What to expect before procedure

• Provide the doctor with a list of all medications and continue or discontinue taking them as instructed. Inform the doctor about allergies if any.

• Do not eat for 6 hours before the procedure.

• Bring someone along to get a ride home after the procedure.

What to expect during procedure

• A mild sedative and a local anesthetic are given.

• A thin needle guided by X- ray is inserted into the area of pain.

• A microelectrode is passed through the needle and a stimulation process is started.

• The doctor asks if a tingling sensation is felt so that he/she can