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**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 58576

**Manuscript Type:** CASE REPORT

**Late recurrence of papillary thyroid cancer from <sup>3</sup>needle tract implantation after core  
needle biopsy: A case report**

Kim YH<sup>2</sup>*et al.* Needle tract implantation of papillary carcinoma

Yon-Hee Kim, In-Ho Choi, Jong-Eun Lee, Zi-Sun Kim, Sun-Wook Han, Sung-Mo Hur,  
Ji-Hyoun Lee

## Abstract

### BACKGROUND

Papillary thyroid cancer (PTC) has good prognosis so that the local recurrence or distant metastasis can occur later on the lifetime follow up. In this study, we report recurrence of PTC in subcutaneous area combined with lymph node metastasis. A



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Author: Toshitetsu Hayashi, Mitsuyoshi Hirok...      Publish Year: 2020

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Only 12 cases of tumor implantation along the needle tract following FNA of well-differentiated thyroid carcinomas have been reported in the literature, to the best of our knowledge. 2, 3 The...

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Introduction. Several procedures have been developed to obtain groups of cells or tissue from thyroid nodules. The most commonly used procedure is fine-needle biopsy (FNB), which is considered the most accurate and cost-effective tool in the preoperative investigation of thyroid nodules and has been proposed as the procedure of choice. 1, 2 The cytological results following FNB are divided ...

Needle tract seeding after percutaneous biopsy of sarcoma ...

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On review of the literature, we identified 1 additional case report of a patient who, 5 years after undergoing surgical resection of a primary retroperitoneal liposarcoma, developed a nodule within the needle biopsy tract with the same histologic appearance as the primary tumor. 6 Taken together with the multi-institutional RPS experience ...

Needle Track Dissemination of Follicular Thyroid Carcinoma ...

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JK Karwowski KW Nowels IR McDougall RJ Weigel (2002) ArticleTitle Needle track seeding of papillary thyroid carcinoma from fine needle aspiration biopsy. A case report Acta Cytol 46 591–5 Occurrence Handle 12040660



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**Cited by:** 160

**Author:** Stergios A. Polyzos, Athanasios D. Anastas...

**Publish Year:** 2009