

## **PROGNOSTIC FACTORS IN PATIENTS WITH WELL-DIFFERENTIATED THYROID CARCINOMA WITH LOCOREGIONAL RECURRENCE SUBMITTED FOR SALVAGE TREATMENT**

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**Background/Purpose:** Well-differentiated thyroid carcinoma (WDTC) is characterized by an excellent prognosis; however, recurrence rates range from 5% to 23%, and mortality after salvage treatment ranges from 38% to 69%. Objectives: To identify prognostic factors in patients who have undergone salvage therapy for well-differentiated thyroid carcinoma.

**Methods:** This is a retrospective cohort series including 102 patients with resectable locoregional recurrences who underwent salvage treatment. One hundred twenty loco-regional recurrences were observed amongst 102 patients. Univariate survival analysis was performed using the Kaplan-Meier method.

**Results:** Five-year overall survival rates were significantly associated with age over 45 years (67.6%) ( $p < 0.0001$ ), site of recurrence (local or regional recurrence and distant metastasis (65.8%), only local recurrence (88.8%), only regional recurrence (92.2%) ( $p=0.0267$ )), and histology (papillary carcinoma (90.3%) and follicular carcinoma, (72.2%)) ( $P=0.0156$ ).

**Discussion & Conclusion:** Age over 45 years, follicular carcinoma and location of recurrence were significant prognostic factors in patients with WDTC who underwent salvage treatment.