

Supplementary Online Content

Tuttle RM, Fagin JA, Minkowitz G, et al. Natural history and tumor volume kinetics of papillary thyroid cancers during active surveillance. *JAMA Otolaryngol Head Neck Surg*. Published online August 31, 2017.
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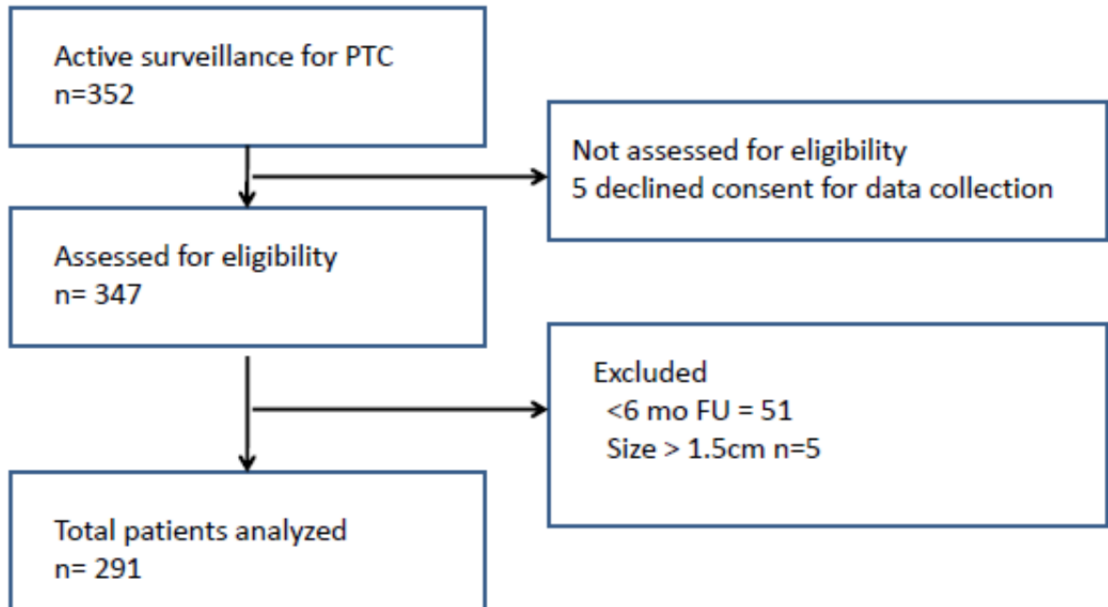
eFigure 1. Increase in Tumor Volume and Tumor Diameter by Decade of Age

eFigure 2. Cumulative Incidence of Increased Tumor Size

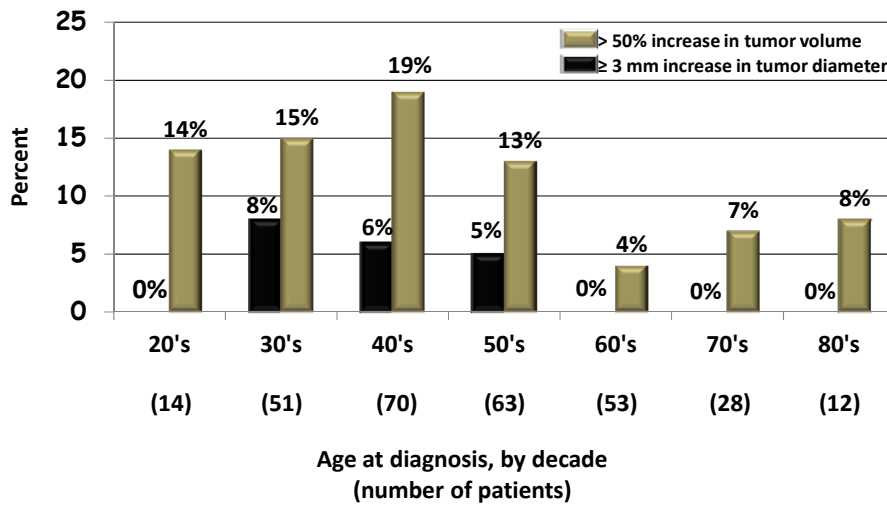
eFigure 3. Tumor Growth Difference by Age

This supplementary material has been provided by the authors to give readers additional information about their work.

eFigure 1. Increase in tumor volume and tumor diameter by decade of age. STROBE (Strengthening the Reporting of Observational Studies in Epidemiology) diagram



eFigure 2. Cumulative incidence of increased tumor size. The rates of increase in tumor diameter (by 3mm) and tumor volume (by 50%) by patient age in decades.



eFigure 3. Tumor Growth Difference by Age. Patients under 50 years old at the start of active surveillance had nearly 5-fold the probability of experiencing tumor growth compared to patients 50 or older (OR = 4.5, 95% CI 1.2-17.0, $P = .027$), with 5 year incidence rates of tumor growth of 26.8% vs 3.9%. ($P = .019$).

