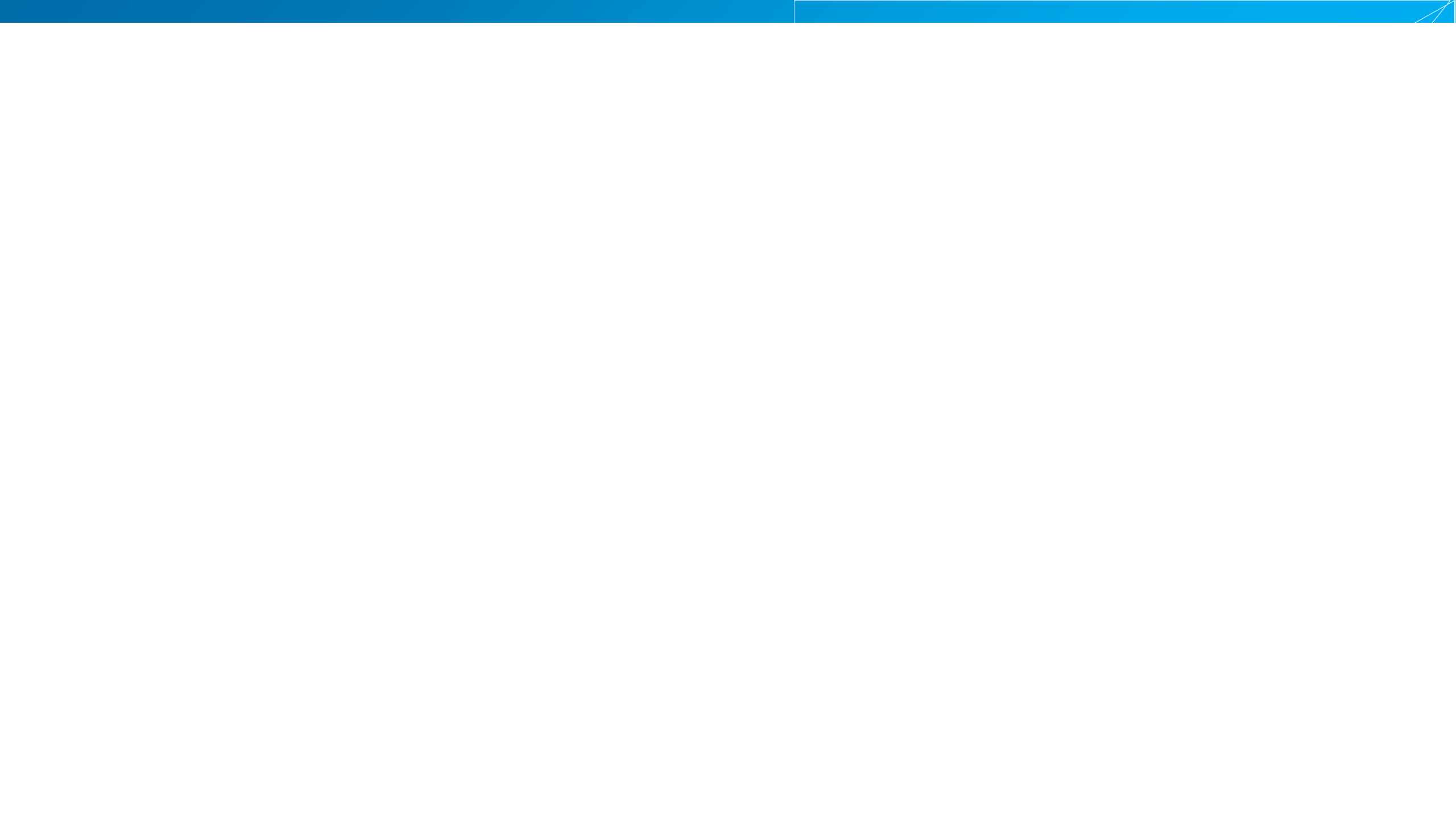




Disclosures

I do not have any relevant financial relationships.

This presentation and/or comments will provide a balanced, non-promotional, and evidence-based approach to all diagnostic, therapeutic and/or research related content.

Cultural Linguistic Competency (CLC) & Implicit Bias (IB)

STATE LAW:

The California legislature has passed Assembly Bill (AB) 1195, which states that as of July 1, 2006, all Category 1 CME activities that relate to patient care must include a cultural diversity/linguistics component. It has also passed AB 241, which states that as of January 1, 2022, all continuing education courses for a physician and surgeon **must** contain curriculum that includes specified instruction in the understanding of implicit bias in medical treatment.

The cultural and linguistic competency (CLC) and implicit bias (IB) definitions reiterate how patients' diverse backgrounds may impact their access to care.

EXEMPTION:

Business and Professions Code 2190.1 exempts activities which are dedicated solely to research or other issues that do not contain a direct patient care component.

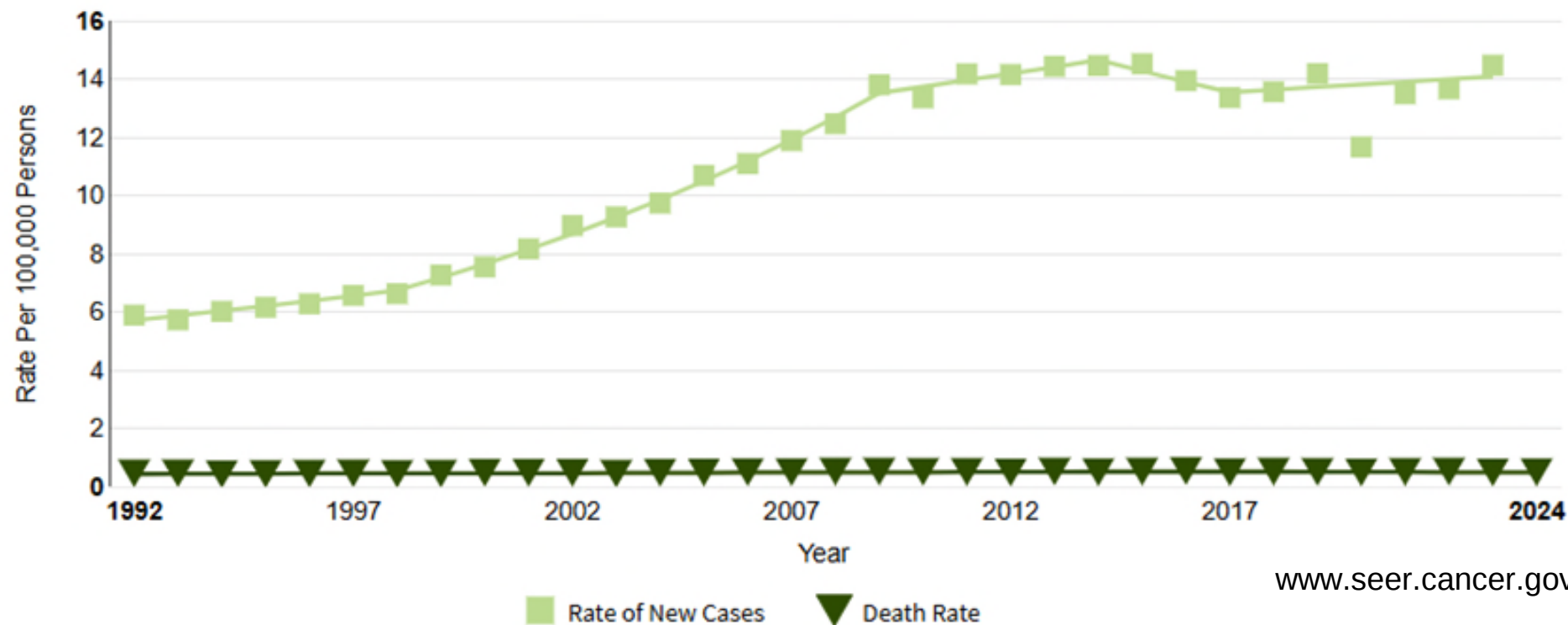
This presentation is dedicated solely to research or other issues that do not contain a direct patient care component.

At a Glance

Estimated New Cases in 2026	45,240
% of All New Cancer Cases	2.1%

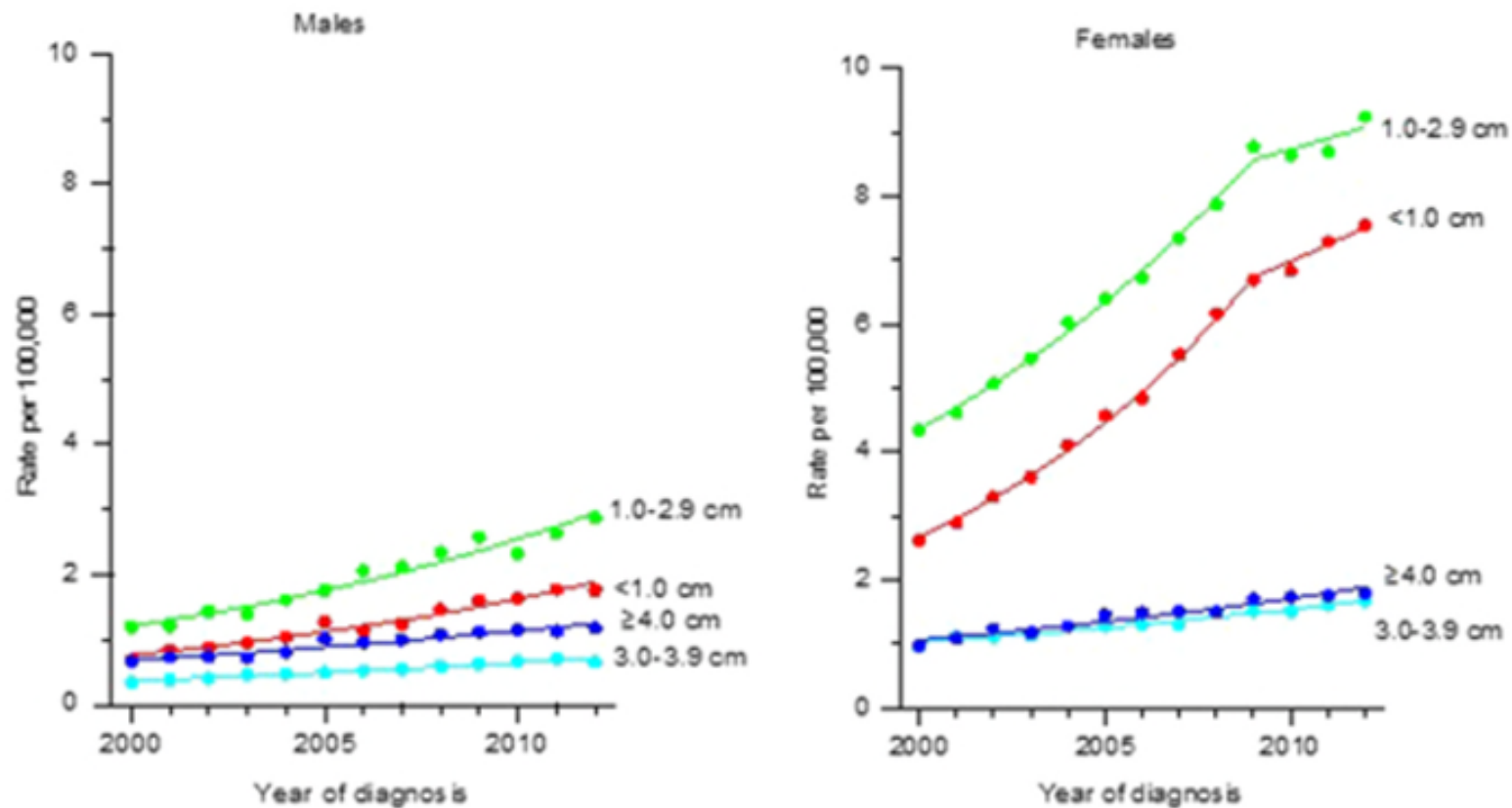
Estimated Deaths in 2026	2,320
% of All Cancer Deaths	0.4%

5-Year Relative Survival
98.3%
2016-2022



Changes in ATA guidelines

Changes in thyroid cancer incidence, post-2009 American Thyroid Association guidelines



The Laryngoscope

16 JAN 2017 DOI: 10.1002/lary.26473

<http://onlinelibrary.wiley.com/doi/10.1002/lary.26473/full#lary26473-fig-0002>



"Although it's nothing serious, let's keep an eye on it to make sure it doesn't turn into a major lawsuit."

- Nested case control study
- PFAS: "forever chemicals"
- Increasing evidence, but not definitive causation bc of near universal exposure

1. Radiation remains the dominant environmental risk factor

- Particularly relevant in pediatric populations

2. Environmental chemicals are increasingly implicated

- Especially endocrine disruptors affecting thyroid signaling
- Particularly relevant with PFAS: Found in water, industrial sites, firefighting foam
- Pesticides / agricultural chemicals: Relevant in rural + suburban Georgia
- Plastics-related chemicals (phthalates, BPA)
- Flame retardants (PBDEs)
- Water quality: particularly in rural areas or high agricultural runoff

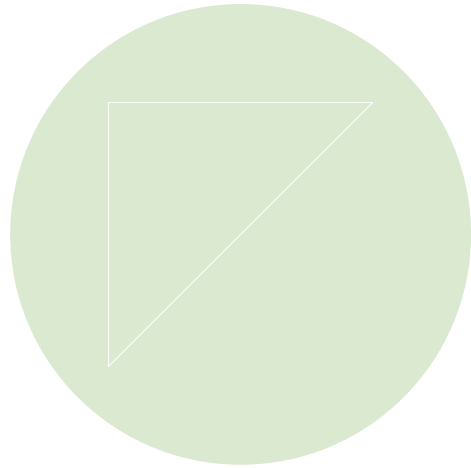
3. Thyroid cancer appears highly sensitive to environmental modulation

- Compared with many solid tumors

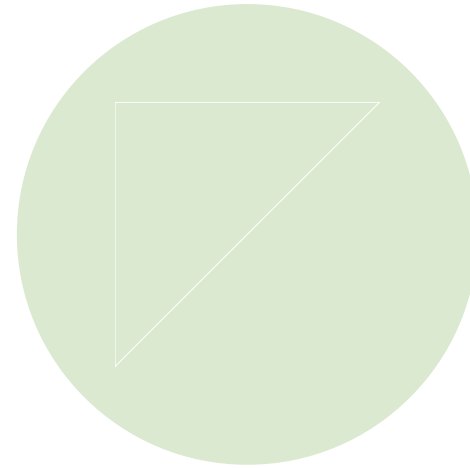
4. The rising incidence likely reflects a combination of:

- Detection (imaging, screening)
- True environmental/lifestyle contributions

Multidisciplinary approach



**INCLUDE COLLEAGUES FROM ALL DISCIPLINES
(SURGERY, MEDICAL ONCOLOGY, RADIATION
ONCOLOGY, RADIOLOGY, ENDOCRINOLOGY)**



**NURSING, SOCIAL WORK, GENETICS, SPEECH
AND LANGUAGE PATHOLOGY**



Thank you!