

Enjoying Life



No progress without
science !



Egypt 5,000 BC



Greece 300 BC



Europe 700 AD

THE SCIENTIFIC METHOD



- **Roger Bacon** (13th Century) “repeating cycle of observation, hypothesis, experimentation and the need for independent verification.”



- **Francis Bacon** (17th Century) “... by successive steps not interrupted or broken, we rise from particulars to axioms”



- **René Descartes** (17th Century) “.... avoid precipitancy and prejudice, and to comprise nothing more in my judgment than what was presented to my mind...”

IgG Food Test – Bogus Science

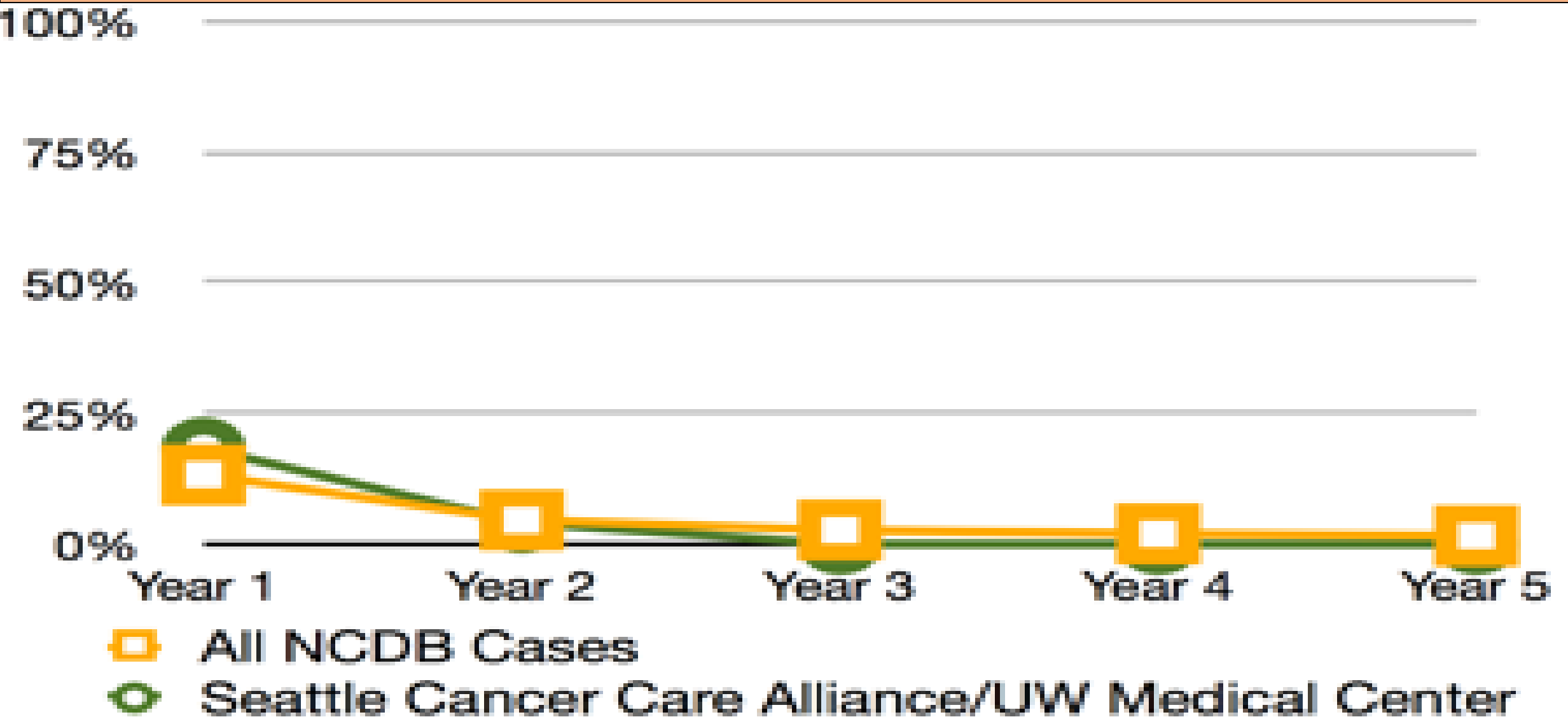
- **Due to the lack of evidence** to support its use, many organizations, including the [American Academy of Allergy, Asthma & Immunology](#), the [Canadian Society of Allergy and Clinical Immunology](#) and the [European Academy of Allergy and Clinical Immunology](#) have recommended **against using IgG testing** to diagnose food allergies or food intolerances / sensitivities.



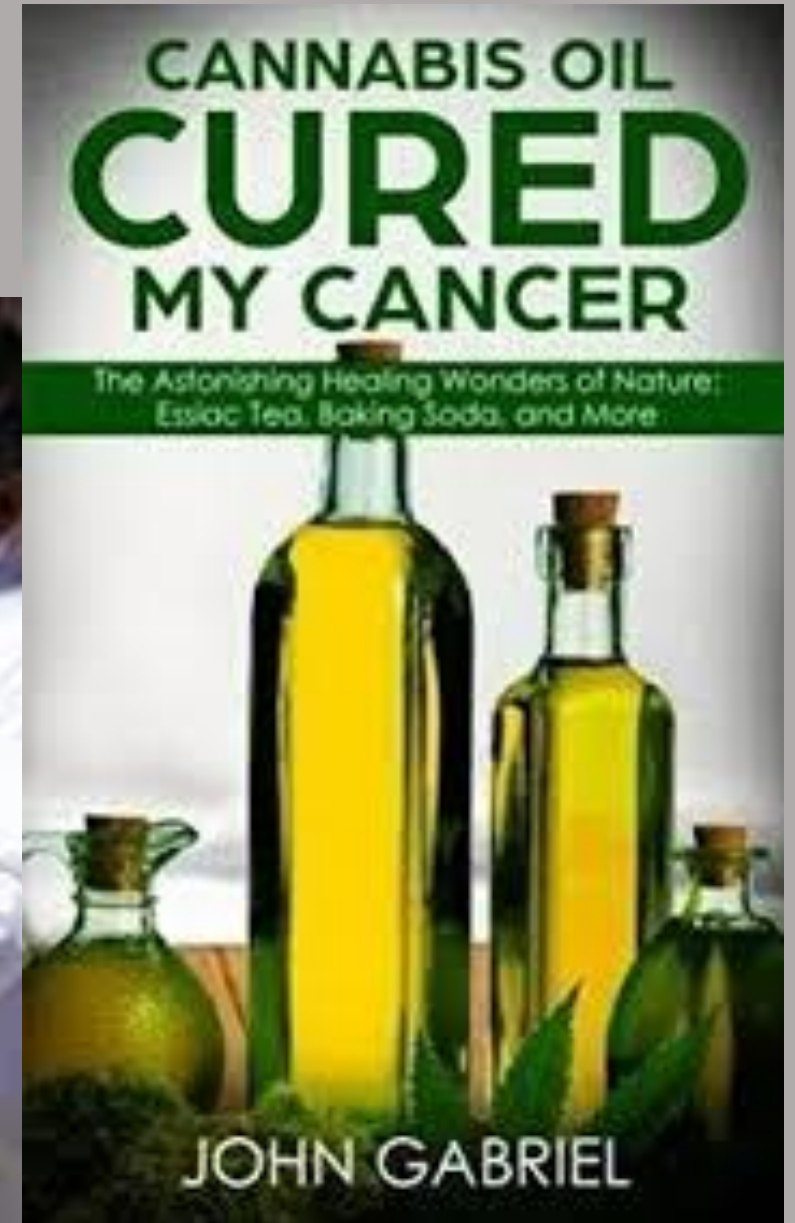
IgG Food Allergy Test
+ Candida

Survival in Stage 4 Pancreatic Cancer

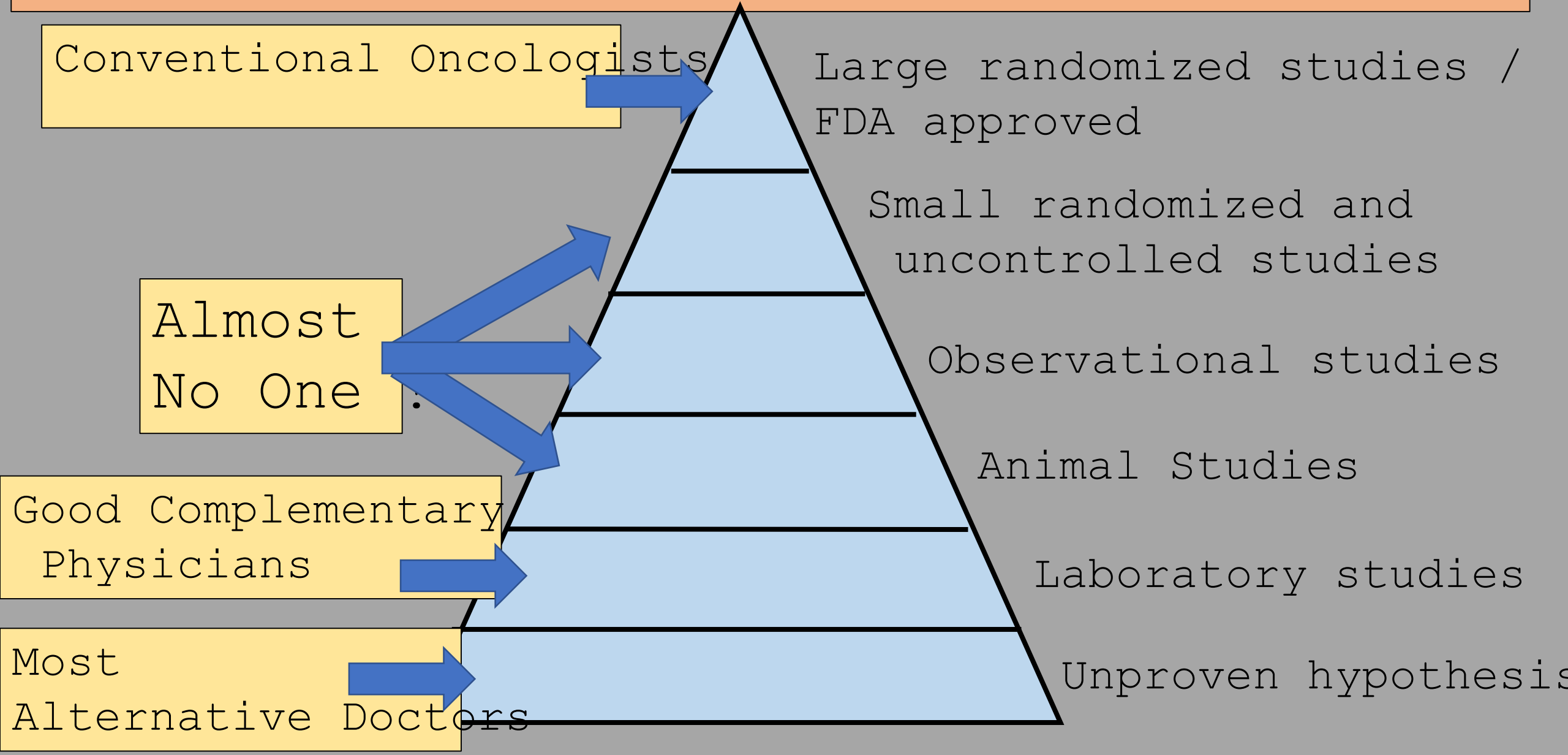
using Conventional FDA Approved Treatments



Alternative treatments were not for me.



Types of Physicians / Hierarchy of Evidence



Conventional Oncologists

Large randomized studies / FDA approved

Almost No One

Small randomized and uncontrolled studies

Observational studies

Good Complementary Physicians

Animal Studies

Laboratory studies

Most Alternative Doctors

Unproven hypothesis

Paricalcitol: an analog of Vitamin D shown in the lab to fight pancreatic cancer by a group at the Salk Institute.



From Left: Ron Evans, Mira Sherman, Ruth Yu, Ann Atkins, Tiffany Tseng and Michael Downes

Paricalcitol

deactivates the fibroblasts guarding the tumor.

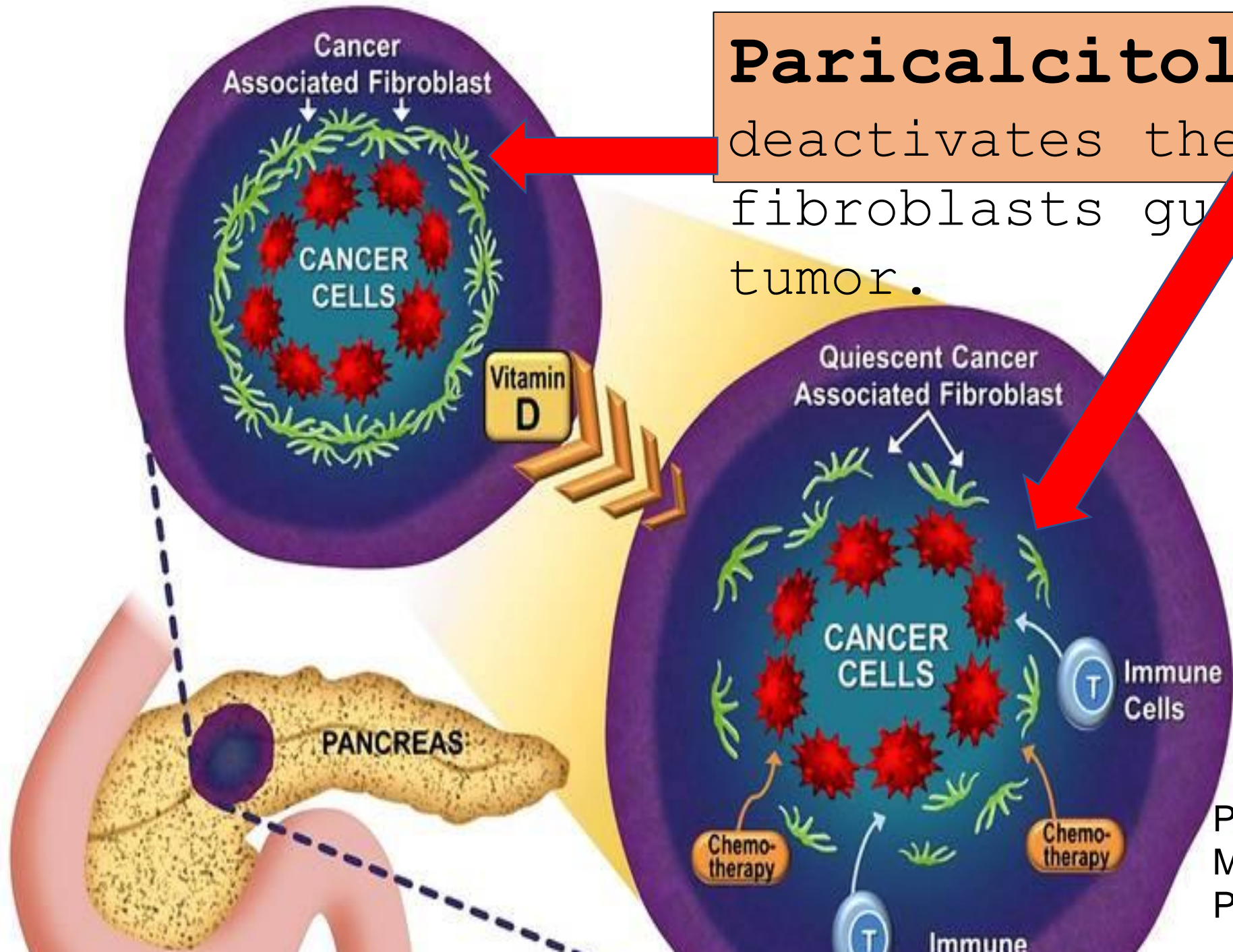


Photo: Penn
Medicine/University of
Pennsylvania

Paricalcitol

It worked in Mice:

...combined with chemotherapy in mice with pancreatic cancer. The result, published in Cell in 2014: **The mice lived 50% longer** on average than those given chemo alone.

And showed results in early human

trials about a dozen pancreatic cancer patients who were being treated by Penn's Dr. Drebin....

....**they found a 10-to-100-fold increase in the number of T cells in and around the tumor.**

PARICALCITOL CLINICAL TRIALS

- 1 Paricalcitol Plus Gemcitabine and Nab-paclitaxel in Metastatic Pancreatic Cancer
- 2 A Phase Ib Pharmacodynamic Study of Neoadjuvant Paricalcitol in Resectable Pancreatic Cancer A Phase Ib Pharmacodynamic Study of Neoadjuvant Paricalcitol in Resectable
- 3 Liposomal Irinotecan Plus 5-FU / LV Combined With Paricalcitol in Patients With Advanced Pancreatic Cancer Progressed on Gemcitabine-based Therapy
- 4 A Pilot Study of Perioperative Nivolumab and Paricalcitol to Target the Microenvironment in Resectable Pancreatic Cancer
- 5 A SU2C Catalyst® Trial of a PD1 Inhibitor With or Without a Vitamin D Analog for the Maintenance of Pancreatic Cancer
- 6 Pembrolizumab and Paricalcitol With or Without Chemotherapy in Patients With Pancreatic Cancer That Can Be Removed by Surgery
- 7 A Randomized Pilot/Pharmacodynamic/Genomic Study of Neoadjuvant Paricalcitol to Target the Microenvironment in Resectable Pancreatic Cancer
- 8 Pre-operative Treatment for Patients With Untreated Pancreatic Cancer
- 9 Paclitaxel Protein Bound Plus Cisplatin Plus Gemcitabine and Paricalcitol for Pancreatic Adenocarcinoma (NABPLAGEMD)

Pharma companies looking to make billions if their studies succeed, are adding repurposed drugs to their protocols.

They must know something!



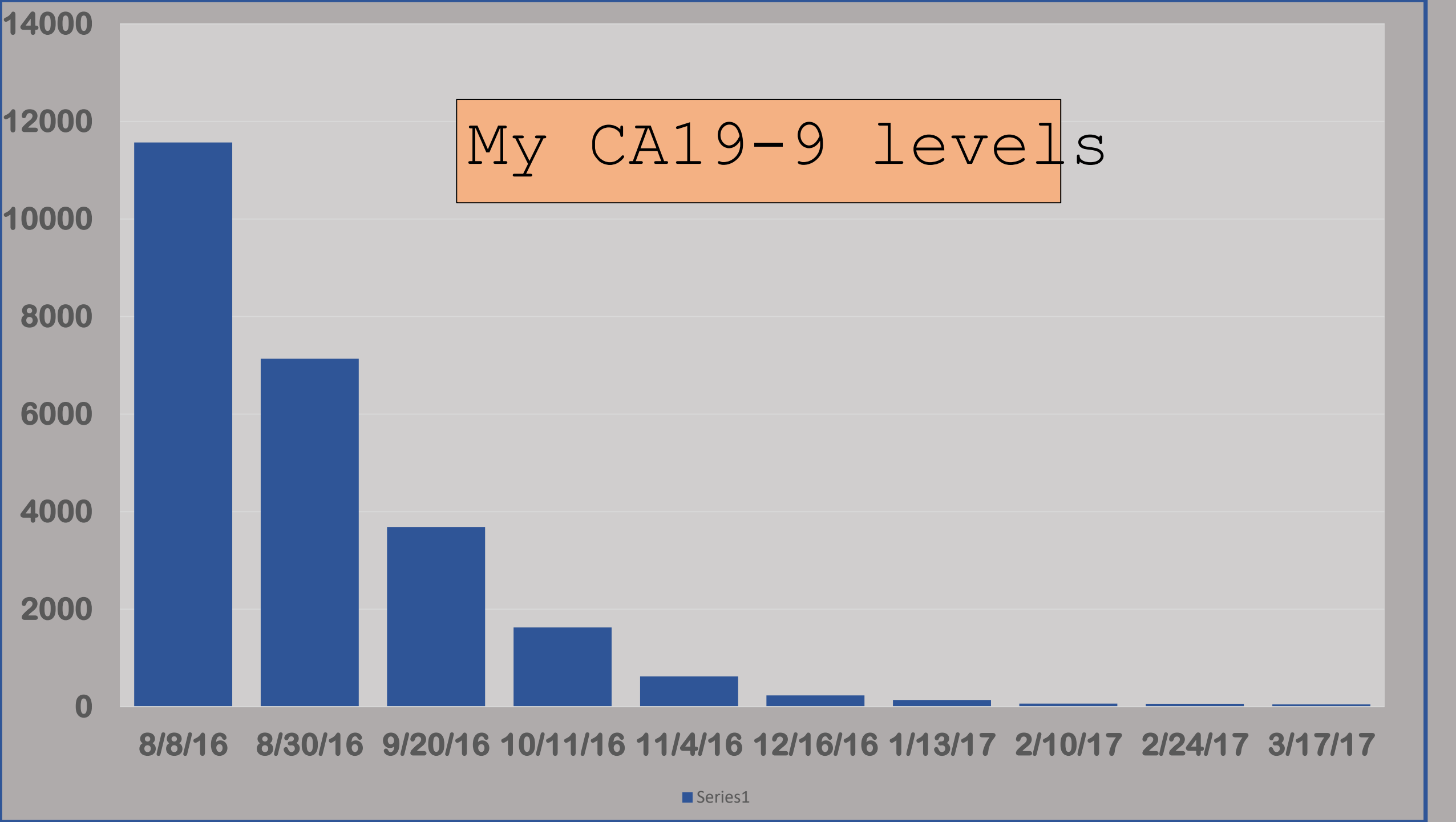
The are not adding Hemp oil!

Hydroxychloroquine

- **Penn:** In a phase 2 randomized clinical trial of 112 patients, the addition of hydroxychloroquine to chemotherapy did not improve overall survival at 12 months. A statistically significant increase in the overall response rate from 21% to 38% was shown with the addition of hydroxychloroquine.
- **Pittsburgh:** Among the 54 patients included in interim analyses, those given hydroxychloroquine—had a significantly greater response to chemotherapy, whether it was assessed with histopathologic or biochemical criteria.

My Treatment 2016

- Chemo - gemcitabine, capecitabine, and mitomycin (stopped after 4 months)
- IV Paricalcitol - 3 times a week
- Hydroxychloroquine - triple dose



The Effect of Angiotensin System Inhibitors

(angiotensin-converting enzyme inhibitors or angiotensin receptor blockers) on cancer recurrence and survival: a meta-analysis

[European Journal of Cancer Prevention](#), Volume 26(1)

- We included 11 studies with **4964 participants** in the final analysis.
- The meta-analysis showed that the use of ACEIs or ARBs resulted in a significant improvement in DFS [hazard ratio (HR) 0.60; 95% confidence interval (CI) 0.41–0.87; **$P=0.007$**] and overall survival (HR 0.75; 0.58–0.97; **$P=0.001$**).
- Analysis according to cancer type showed benefits in urinary tract cancer (HR 0.22), colorectal cancer (HR 0.22), **pancreatic cancer (HR 0.58)**, and prostate cancer (HR 0.14), but not in breast cancer and

My Treatment Today

Capecitabine (oral chemotherapy)
Paricalcitol twice a week (reduced
from 3/week)
Metformin
Simvastatin
Losartan
Curcumin (A nanoparticular
formulation)



Fox C



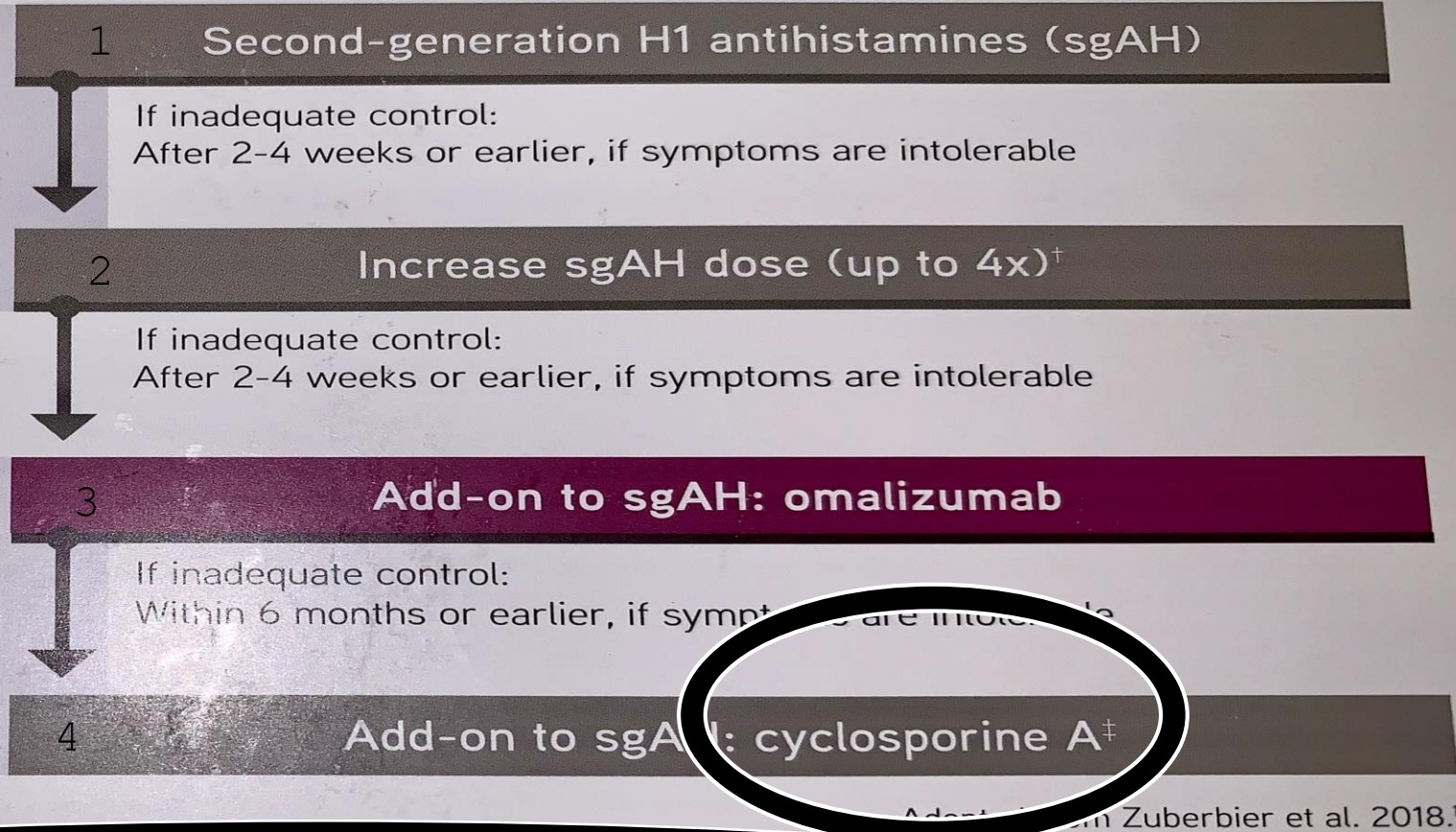
Bringing 3 premier institutions together to study 3 re-purposed drugs - paricalcitol , hydroxychloroquine.

EAACI/GA²LEN/EDF/WAO Guidelines Revised in 2017¹

Recommended treatment algorithm^{1,*}

Multiple Societies
Endorse Off Label
Treatment for **Chronic
Urticaria.**

Cyclosporine A is not
FDA approved for
Chronic Urticaria.



These evidence- and consensus-based guidelines were developed with the participation of 42 national and international societies, and are endorsed by AAAAI, ACAAI, and AAD¹

AAAAI, American Academy of Allergy, Asthma, and Immunology; AAD, American Academy of Dermatology; AAAAI, American College of Allergy, Asthma, and Immunology; EAACI, European Academy of Allergy and Clinical Immunology; EDF, European Dermatology Forum; GA²LEN, Global Allergy and Asthma European Network; WAO, World Allergy Organization

*In addition, a short course of leukotriene receptor antagonists may be used in patients with chronic urticaria. Other treatment options are available, see Table 1.