

First principles:

*How **science** informs the **art** of medicine.*

SCIENCE

ART

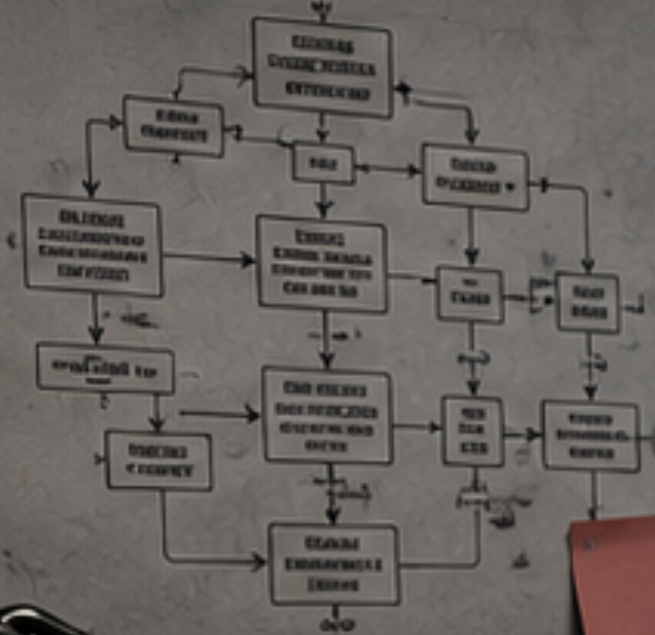
DFTB 2026 CONFERENCE

JUNE 22, 2026

Dr. Ken Milne



ALGORITHMS



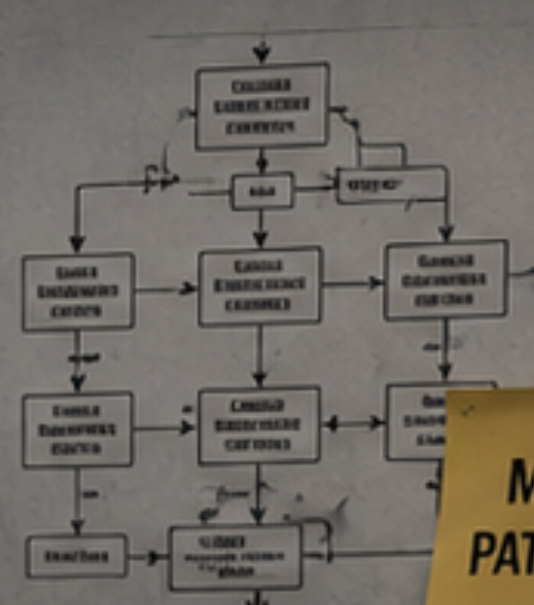
GUIDELINES

- CHANGING THE WAY WE THINK ABOUT CARE
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METRICS

- HCAHPS
- LOS
- 30-DAY READMISSIONS
- MORTALITY
- THROUGHPUT
- PVUs

PATHWAYS



THROUGHPUT PRESSURES

DO MORE WITH LESS

SHORTER STAYS

NO DEVIATIONS

HIT TARGETS

MOVE PATIENTS

KEEP IT MOVING

JUSTIFY VARIANCE

BE EFFICIENT

PROTOCOLIZATION

STANDARD ORDERS

CARE BUNDLES

CHECKBOX CARE

- ☒ HISTORY
- ☒ EXAM
- ☒ MED REC
- ☒ ORDER SET
- ☒ DISCHARGE
- ☒ FOLLOW-UP

EVIDENCE NOT EMOTIONS

QUALITY DASHBOARD



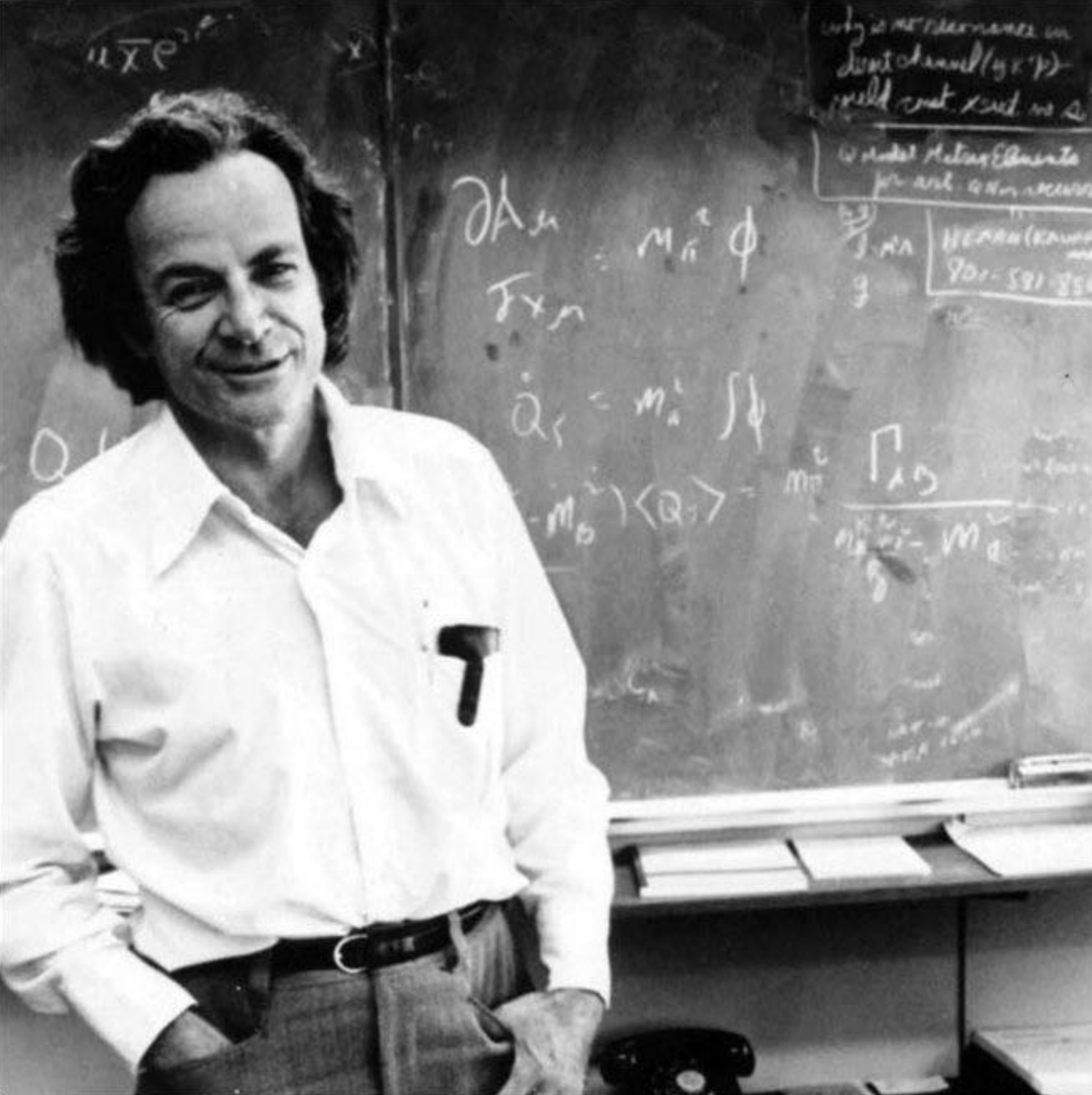
SEE MORE
DO MORE
DOCUMENT MORE

DISCHARGE BY 2PM

Dr. Ken Milne
EMERGENCY PHYSICIAN

First Principles





“The first principle is that you must not fool yourself and you are the easiest person to fool.”

-- Richard Feynman



Hamilton



Semmelweis



Marshall

Zombie Ideas



Dr. Davis

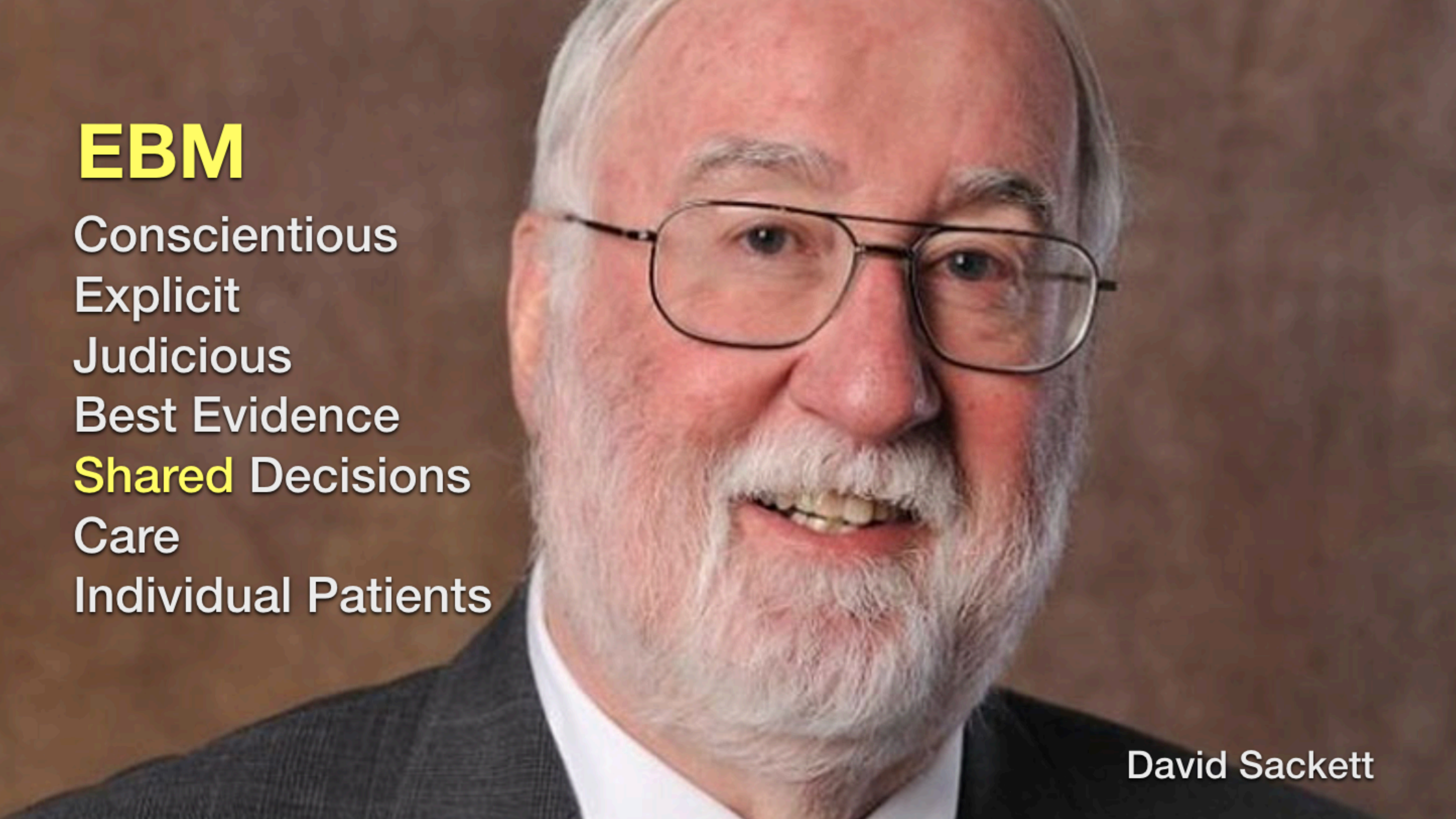


Dr. Tagg



Dr. Ren



A portrait of David Sackett, an older man with white hair, a full white beard, and glasses. He is wearing a dark suit jacket over a white shirt. The background is a textured, brownish-grey.

EBM

Conscientious
Explicit

Judicious

Best Evidence

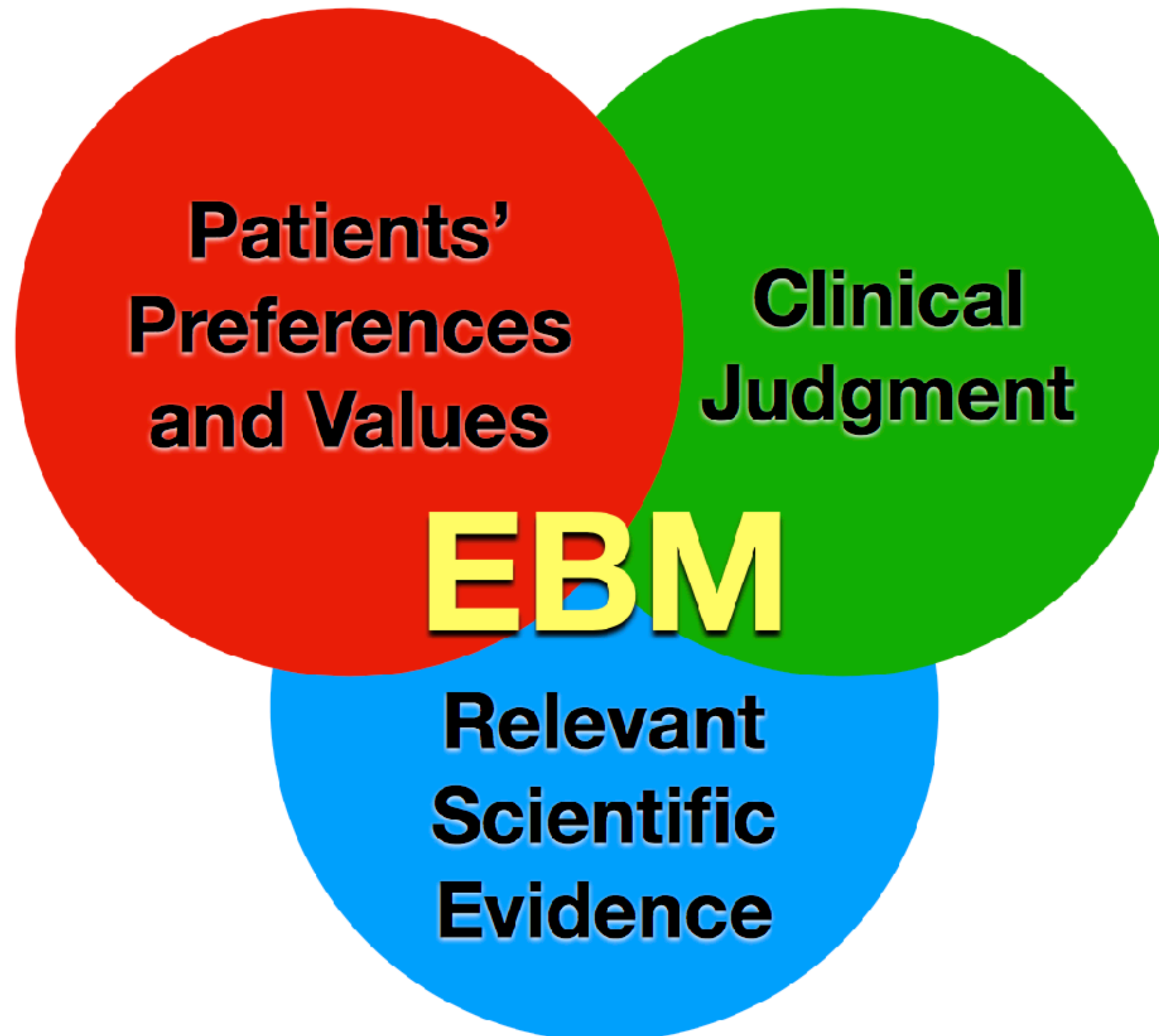
Shared Decisions

Care

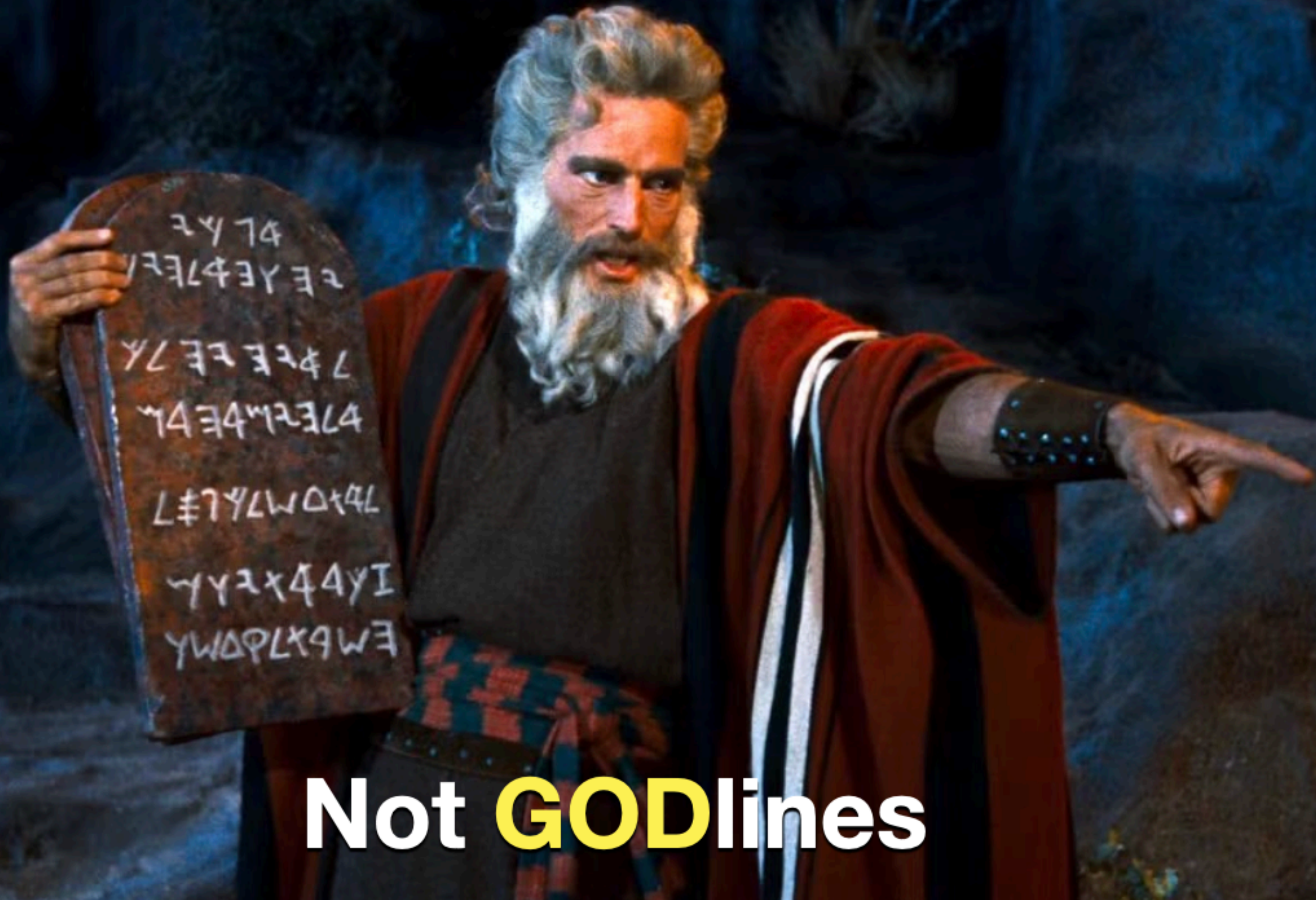
Individual Patients

David Sackett

First Principles of EBM



They Are **GUIDE**lines



Not **GOD**lines

Science

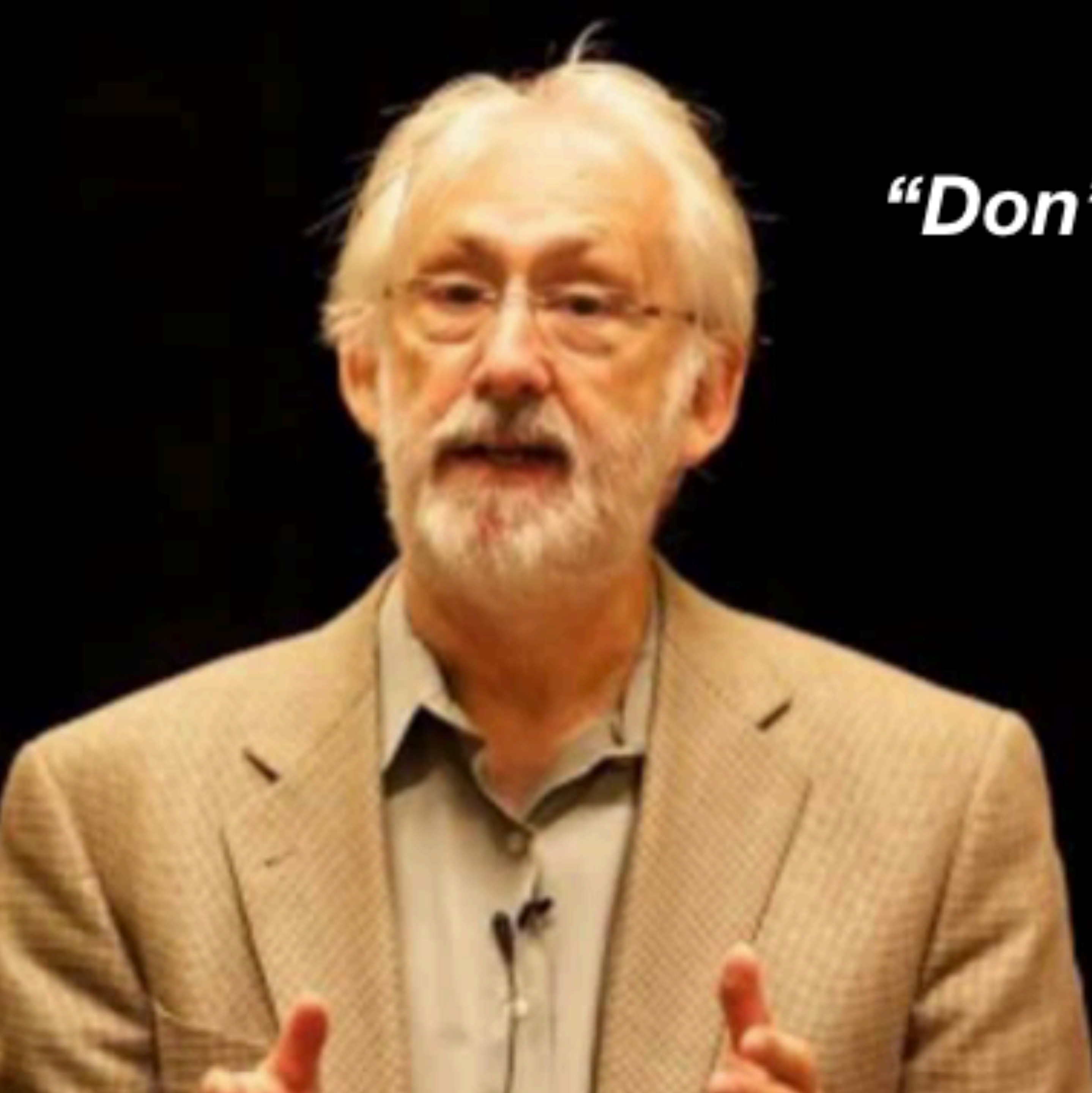


Artificial Intelligence



**Cure sometimes, treat
often, comfort always.**

Hippocrates



***“Don’t just do something,
stand there.”***

Jerome Hoffman

The Case for Intervention Bias
in the Practice of Medicine

Foy and Filippone

Yale J Biol Med 2013



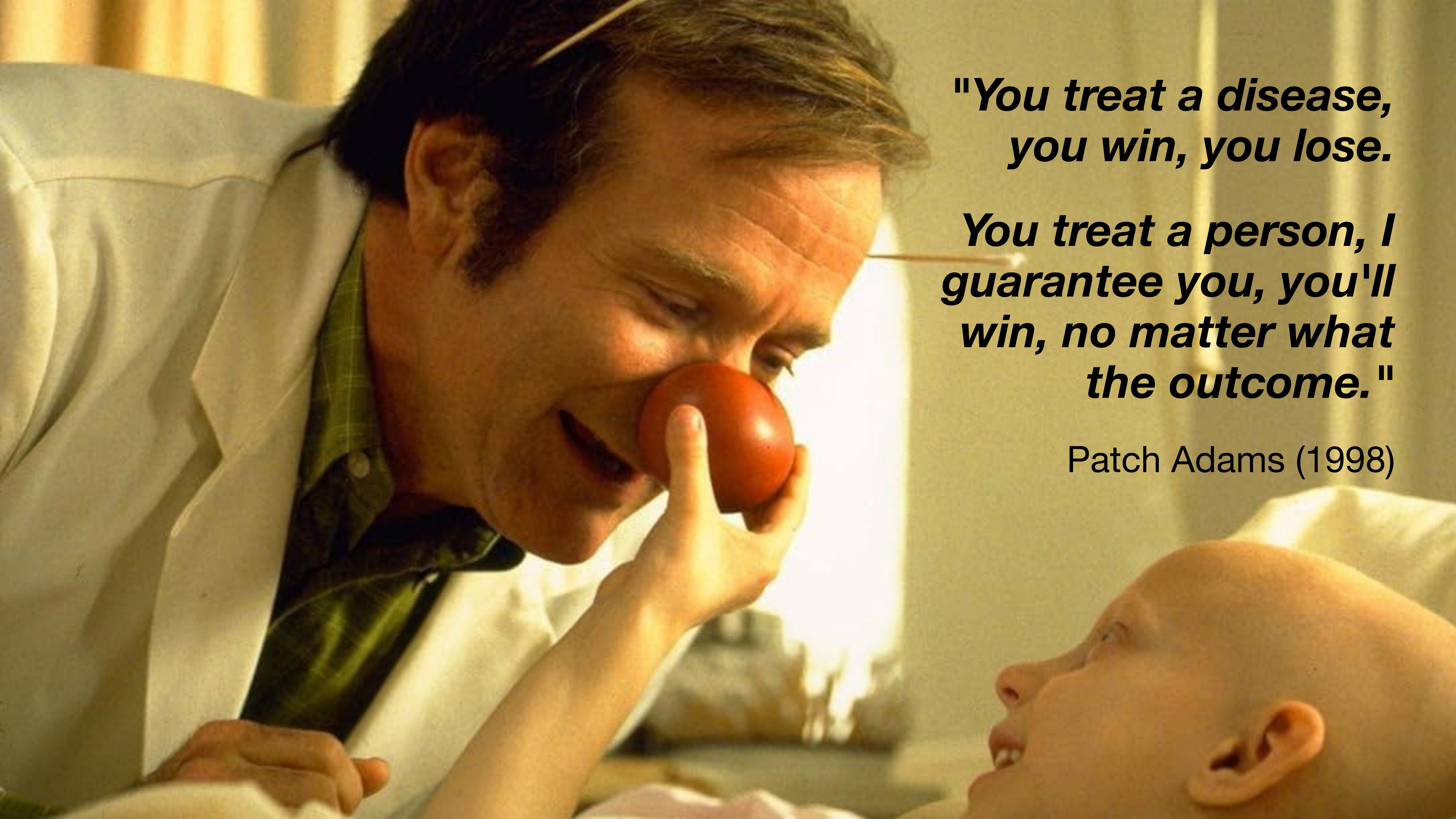
PEOPLE WILL FORGET
WHAT YOU SAID.
PEOPLE WILL FORGET
WHAT YOU DID.
BUT PEOPLE WILL
NEVER FORGET HOW
YOU MADE THEM FEEL.

Maya Angelou



***“People won’t
care how much
you know
unless they
really know how
much you care.”***

Margaret Tyson

A close-up shot from the movie Patch Adams. A man in a white lab coat and a green plaid shirt is leaning over a patient. He is holding a red tomato to his nose and laughing heartily. The patient, a young man, is lying down and looking up at him with a smile. The background is a hospital room with a window and some medical equipment.

***"You treat a disease,
you win, you lose.***

***You treat a person, I
guarantee you, you'll
win, no matter what
the outcome."***

Patch Adams (1998)

"One should not regard anything that one accepts as quite certain, but only as probable in a greater or a less degree. Not to be absolutely certain is, I think, one of the essential things in rationality."

— Bertrand Russell,





***“A single act of
kindness throws out
roots in all
directions,
and the roots spring
up and make new
trees.”***

Amelia Earhart

First Principles



Science makes us safer.



Art makes us human.

Our patients deserve both.

