

SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES

TIRUPATI, ANDHRA PRADESH, INDIA

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The Art of Medicine



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Sir Luke Fildes' - *The Doctor* (1887)

Medicine = Art + Science + Empathy





The Secret of the Care of Patient is in Caring for the Patient
Francis Peabody (1881-1922)



Voltaire (1694 –1778)

“The art of medicine consists
in amusing the patient while
nature cures the disease”

Medical diagnosis

Diagnosis



- 80% → symptoms
↓
- 84% → Examination
↓
- 92% → investigations
↓
- 98% → Post mortem

- Studies have shown that human life expectancy mainly depends on food, immunisation clean drinking water and sanitary facilities in addition to education and economic empowerment and very little on hi tech medicine



Challenges in Medical Practice (EBM)

Evidence Based Medicine

vs

Experienced Based Medicine

Parachute use to prevent death and major trauma related to gravitational challenge: systematic review of randomised controlled trials

Gordon CS Smith et al BMJ 2003



Parachutes reduce the risk of injury after gravitational challenge, but their effectiveness has not been proved with randomised controlled trials

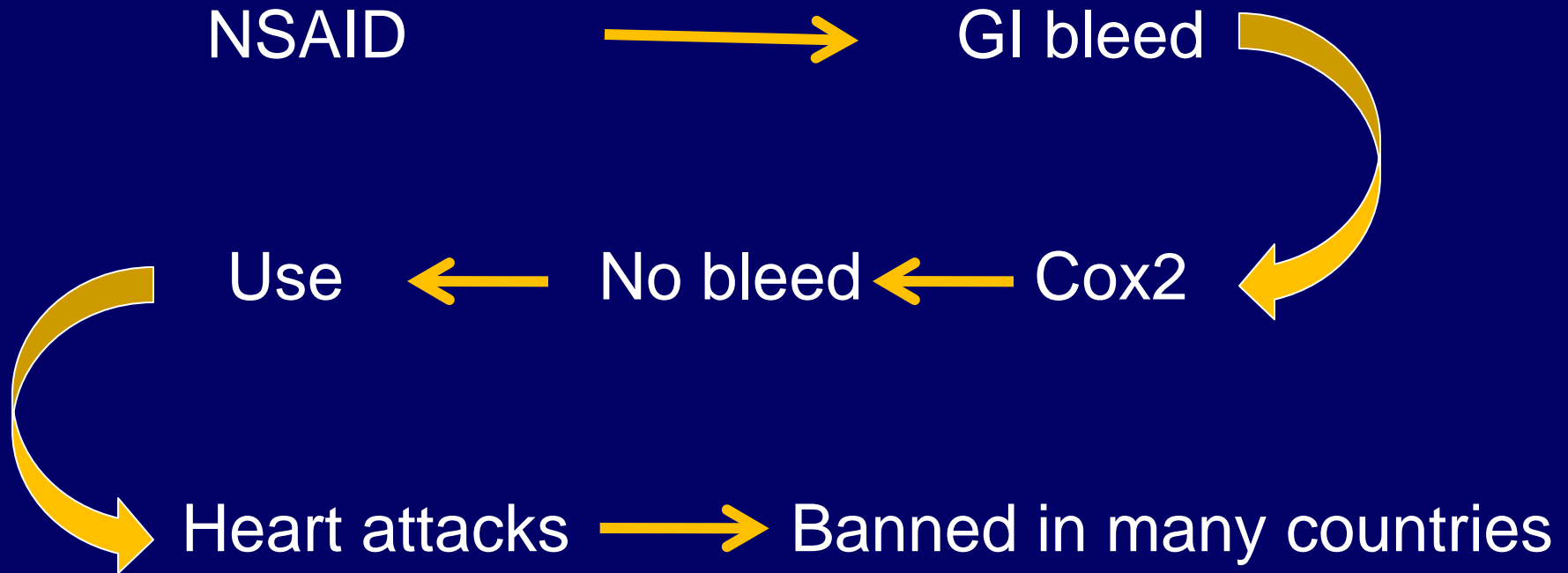
What this study adds

No randomised controlled trials of parachute use have been undertaken

The basis for parachute use is purely observational, and its apparent efficacy could potentially be explained by a “healthy cohort” effect

Individuals who insist that all interventions need to be validated by a randomised controlled trial need to come down to earth with a bump

Pain killers story



Journal of pain (American Pain Society)(2000)
Daily doses of raw or heat treated ginger ↓ muscle joint pains

- Mind is best pain reliever
- Most powerful drugs in the world are “two kind words from a good doctor”

- The state of cancer science : of 53 notable studies on cancer in the last 5 years only 11% could be replicated and reproduced.
- 89% of the papers were funded by the industry

India's Moneyman / Who Can America Kill?

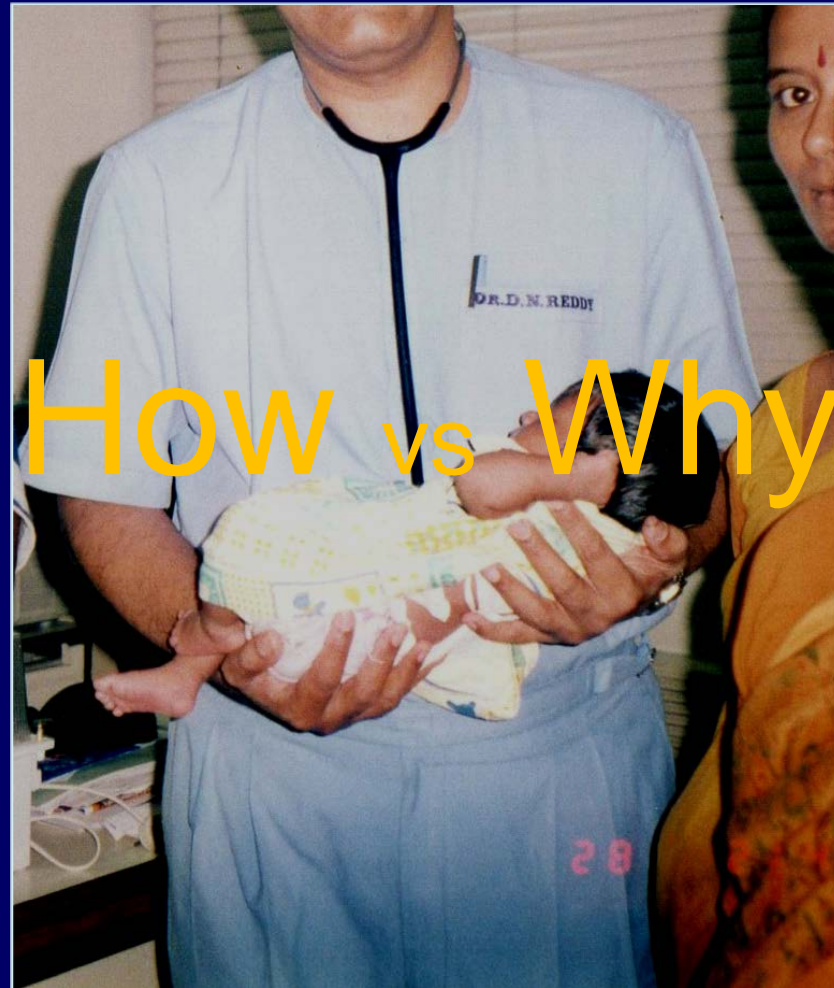
TIME HOW TO CURE CANCER*

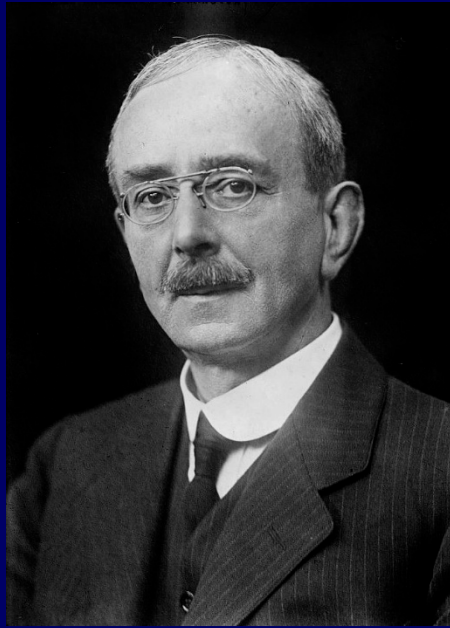


*Yes, it's now possible—thanks to new cancer dream teams that are delivering better results faster

BY BILL SAPORITO

Dilemma for the doctors





Charles Sherrington
Nobel Laureate in Medicine

“Positive science cannot answer the question why, they can at best answer “how” or how much, but not why”

“A wise man knows he is a fool,
but a fool always thinks he is wise”

Always be humble



*Michelangelo Buonarroti. Pietà Rondanini (1564).
Castello Sforzesco. Milano, Italy.*

“I am still learning,”
the 88-year-old Michelangelo
scribbled on the margin of a
sketchbook as he was
working on his last unfinished
masterpiece, the Pietà
Rondanini

San Diego



Hongkong



Beijing





Persistence & Honesty

Michel Cremer: Pioneer in Pancreatic Endotherapy



Voyn	Date	Indications	Echec	Causes	Notes	W	Sp
PETIT Françoise	11/1/55	P. 16 ?	+	?	à l'éc. de l'op. les		
DECEAU 7/1/6	17/7/55	adénos. du pancr.	+	hypoflo	hypoflo		
WILLIOT Jean	18/7/55	7 Amp. 20				N	N
MERTAY Françoise	19/7/55	adénos. du pancr.	+	hypoflo	hypoflo		
MERTAY Françoise	20/7/55	adénos. du pancr.				H	H
PETIT F. C.	21/7/55	adénos. du pancr.	+	hypoflo	hypoflo		
DECEAU 7/1/6	22/7/55	adénos. du pancr.				N	N
PETIT F. C.	23/7/55	adénos. du pancr.	+	hypoflo	hypoflo		
DECEAU 7/1/6	24/7/55	adénos. du pancr.				N	N
PETIT F. C.	25/7/55	adénos. du pancr.	+	hypoflo	hypoflo		
DECEAU 7/1/6	26/7/55	adénos. du pancr.				N	N
PETIT F. C.	27/7/55	adénos. du pancr.	+	hypoflo	hypoflo		
DECEAU 7/1/6	28/7/55	adénos. du pancr.				N	N
PETIT F. C.	29/7/55	adénos. du pancr.	+	hypoflo	hypoflo		
DECEAU 7/1/6	30/7/55	adénos. du pancr.				N	N

BUBBE !!

DECEAU 7/1/6
PAR
exéc. de
VALIUM

11 - Lettres de chlo.
En fin d'examen, dépression
respiratoire, indigestion et
sédation. Sans succès
dépression resp. mais causée
par le cathéter et le
cathéter W.

Forceps for delivery

- Peter Chamberlen (1575 – 1628)
↓
- 1817 – secret revealed
- 1930 – 1 / 150 pregnancy death
- 1950 – 1 / 1000
- New born deaths – 1 / 30



APGAR score changed this

“Excellence is an art won by training and habituation.

We do not act rightly because we have Virtue or Excellence, but we rather have those because we have acted rightly.

We are what we repeatedly do.

Excellence, then, is not an act but a habit.”



Aristotle

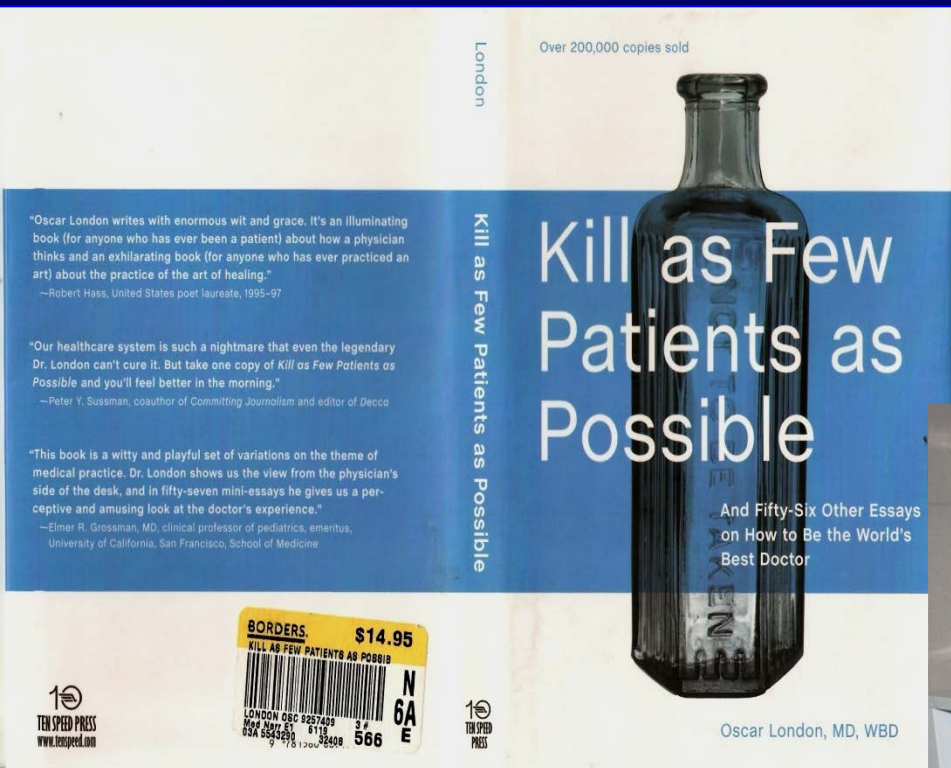
In fact, researchers have settled on what they believe is the magic number for true expertise: ten thousand hours.

- Malcolm Gladwell

★
OUTLIERS

THE STORY OF SUCCESS

MALCOLM
GLADWELL



“Perfection without Practice”

WWW.STILEPROJECT.COM



British Audit Report

They should be no learning curve as far as safety is concerned

Endoscopic Training

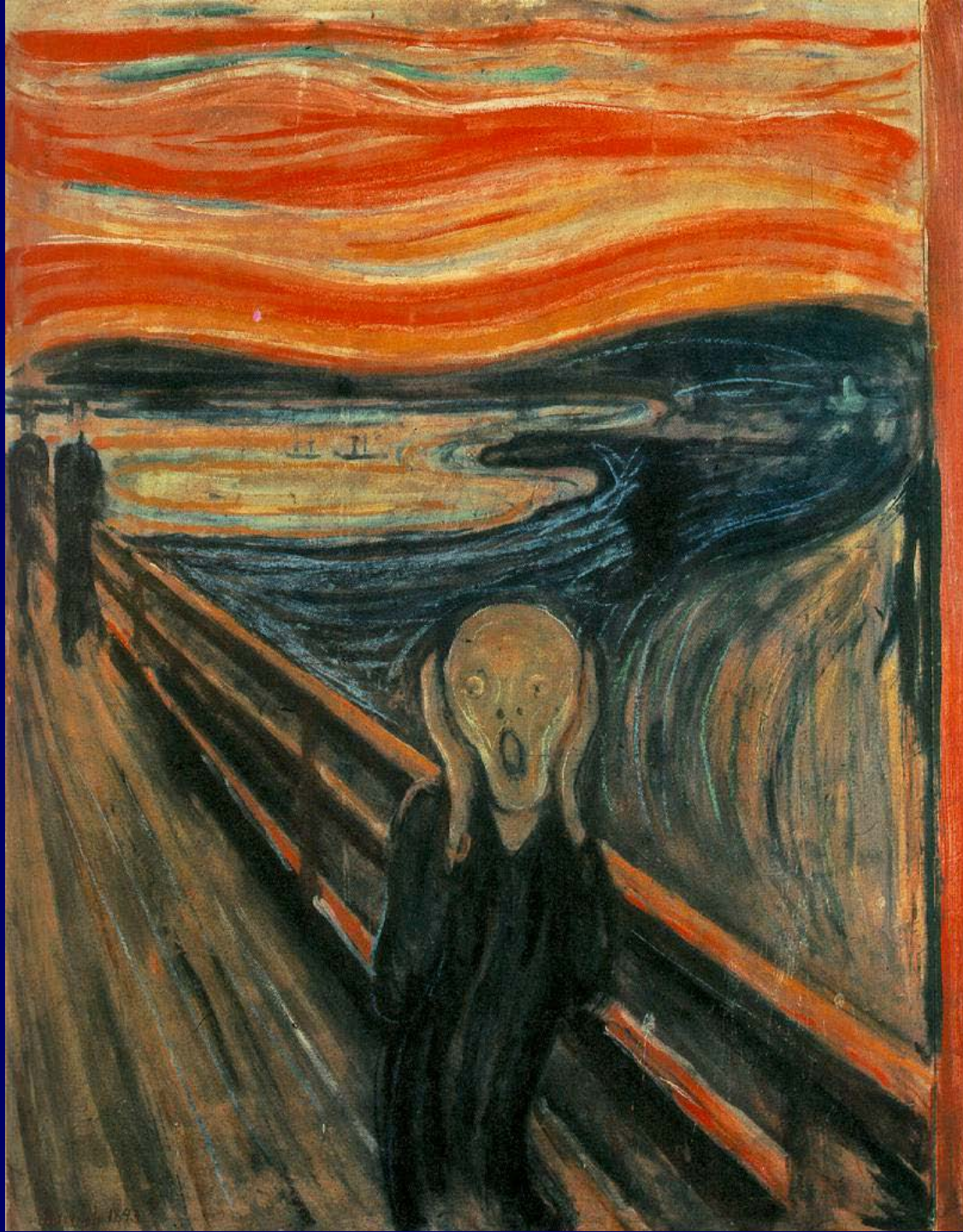


Complications

We look for medicine to be an orderly field of knowledge and procedure. But it is not. It is imperfect science, an enterprise of constantly changing knowledge, uncertain information, fallible individuals, and at the same time lives on the line. There is science in what we do, yes, but also habit, intuition, and some times plain old guessing. The gap between what we know and what we aim for persist. And this gap complicates every thing we do.

Atul Gawande

Medicine is not now, and never has been,
an exact science. Despite the exercise of
the greatest skill, things can go wrong



Scream
Edvard Munch
1893 - 1910

The art of breaking news of
a complication

“ Doctors are wonderful. Up until the last few years, unfortunately they received virtually no training in medical school on how to communicate bad outcomes to patients ”

“ They are taught everything under the sun clinically and academically, but nobody teaches them the softer side of medicine ”

*David Sousa, Sr. VP,
Medical Mutual Insurance Company of
North Carolina*

The CHECKLIST



Checklist nurse

GAWANDE



Shiv Khera

Successful people don't do
different things, they do
things differently

3 kind of people

- People who make thing happen
- People who watch thing happen
- People who wonder what happened

Real success come to doers..... not observers

The winner has a solution for every
problem ,the loser has a problem for
every solution

Success is not an accident it is the result of an attitude

- If you think you can, you can
- If you think you cannot, you cannot
- You are right either way

**SURROUND
YOURSELF
WITH
POSITIVE
PEOPLE**



Goals

S – specific

M – measurable

A – achievable

R – realistic

T – time bound

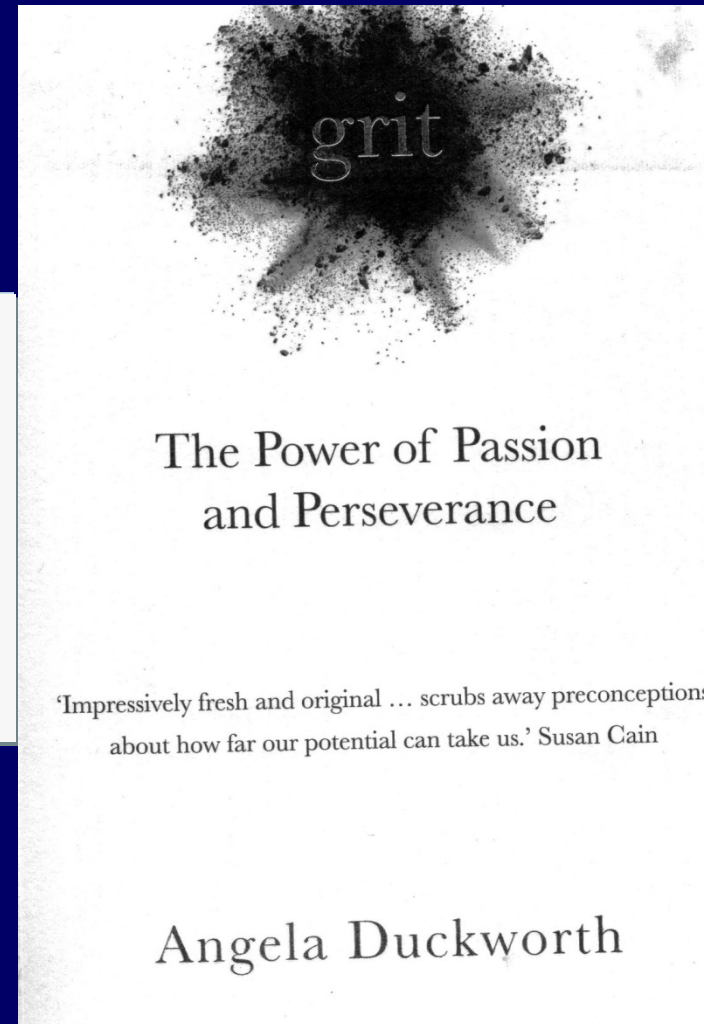
Good doctor

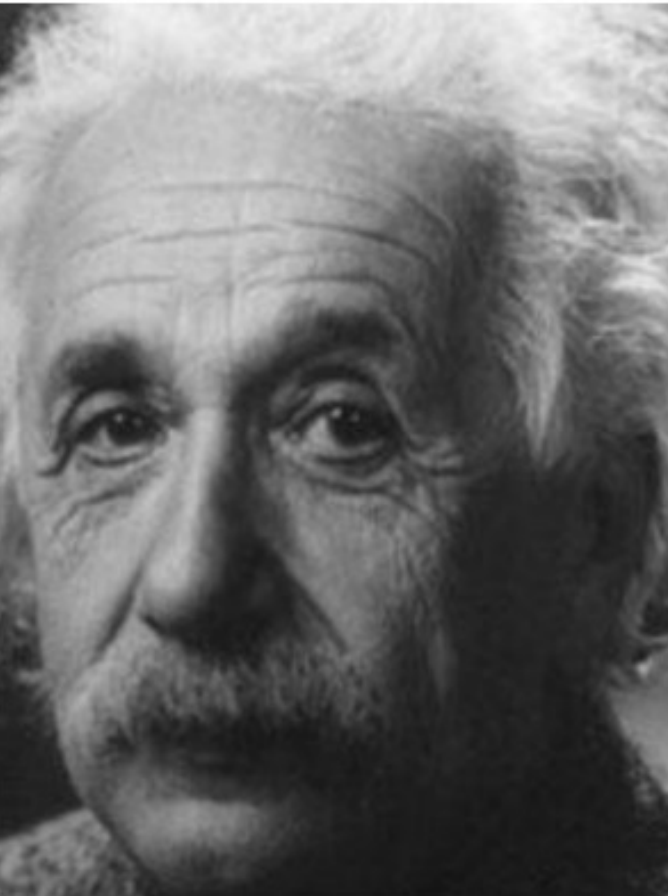
Talent × effort = skill



Skill × communication = achievement

Successful doctor





Imagination is more important than
knowledge. Knowledge is limited.
Imagination encircles the world.

— *Albert Einstein* —





“The hands that help are holier
then the lips that pray”

Glass Ball



VS

Rubber Ball





Team AIG