

#### Coming 2024







# Decision Making The First 5000 Years

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Volume	When
Unknown Amount	Lost from Wound
570 ml	Immediately
680 ml	Following Night
280 ml	Next Morning
~1300 ml	Next 14 Hours

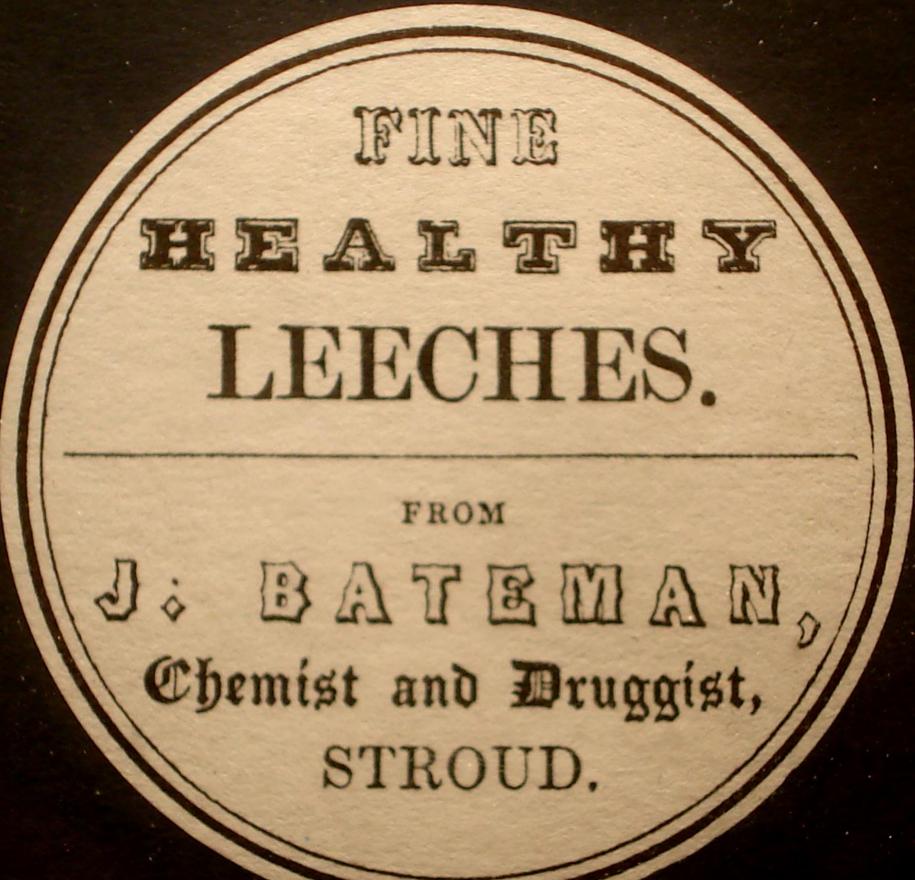
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## Bloodletting







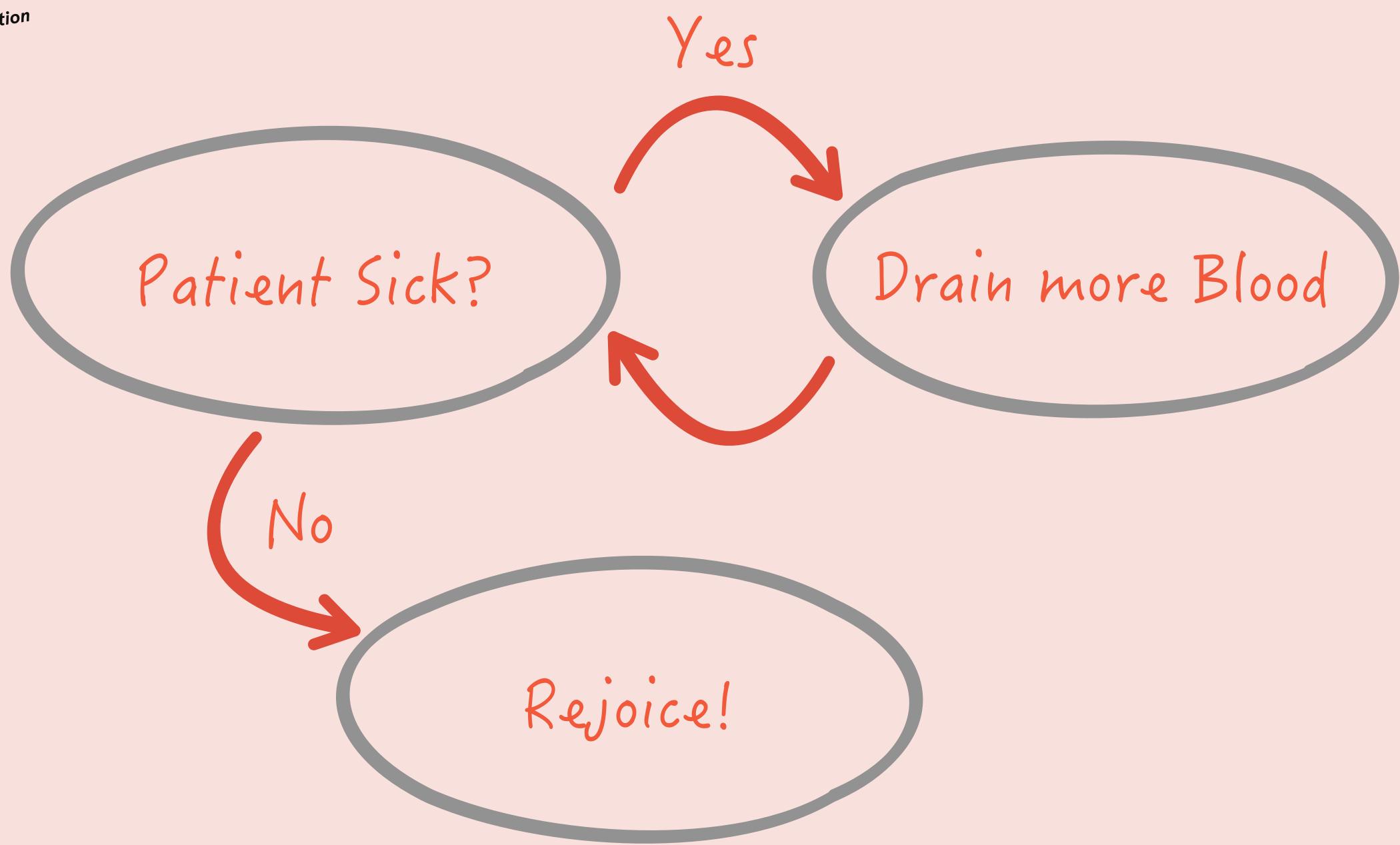




"...by the large quantity of blood lost, **4.8 litres**, and the application of leeches, drawing another **1.1 litres**, the life of the patient was preserved."

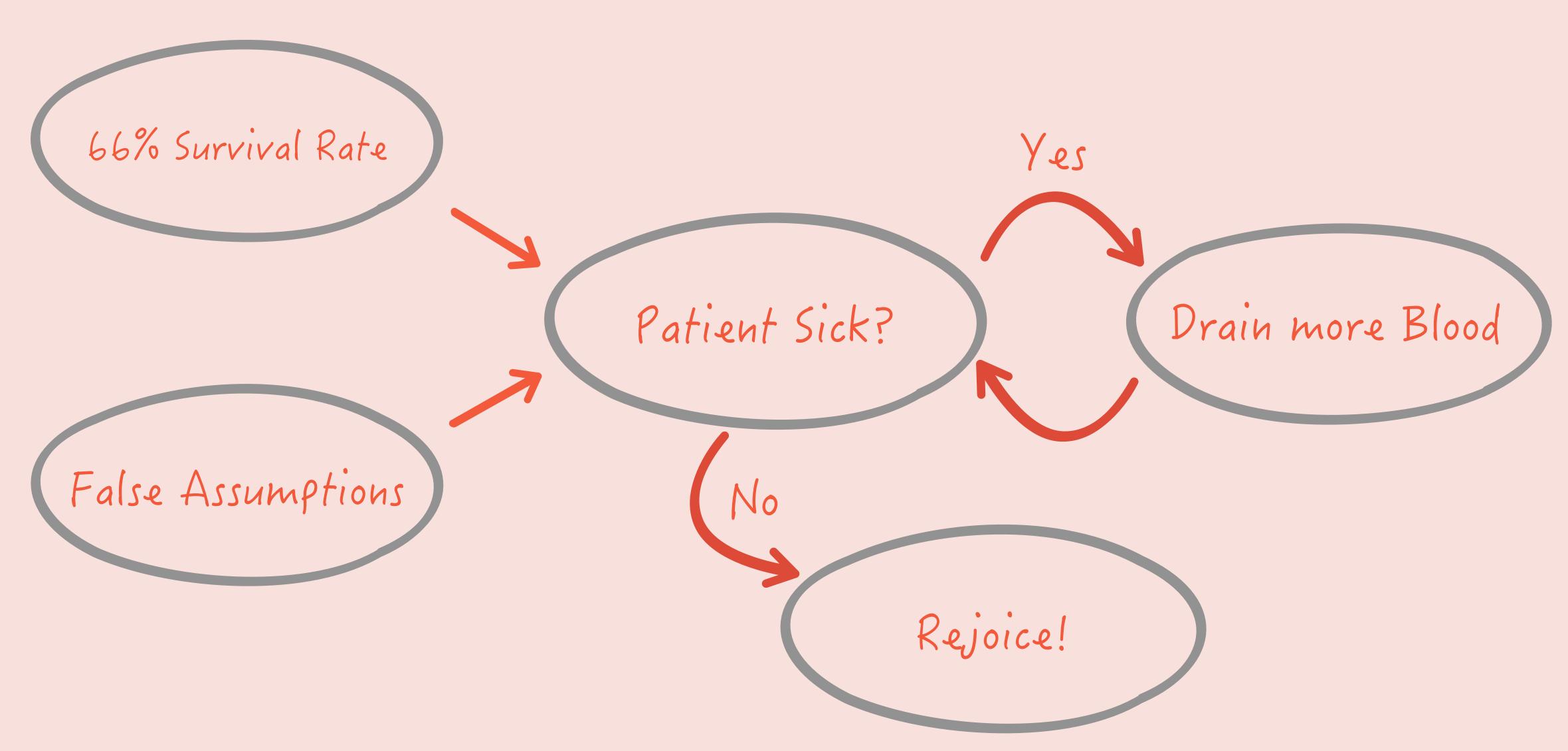
— Doctor



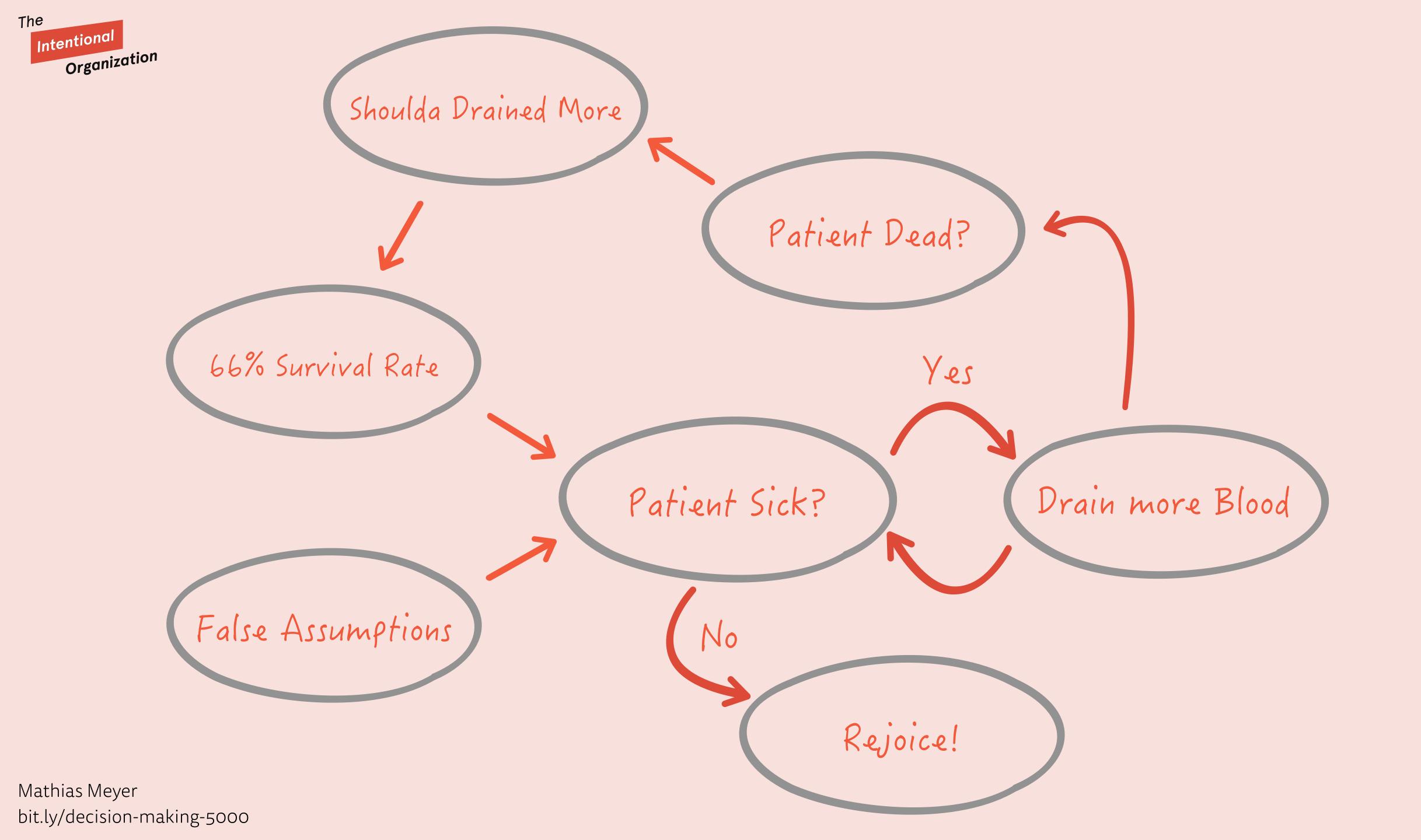


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# Superstition (noun)

"A belief, practice, or rite irrationally maintained by ignorance of the laws of nature or by faith in magic or chance."

— Wordnik



#### Study: Pneumonia Treatment

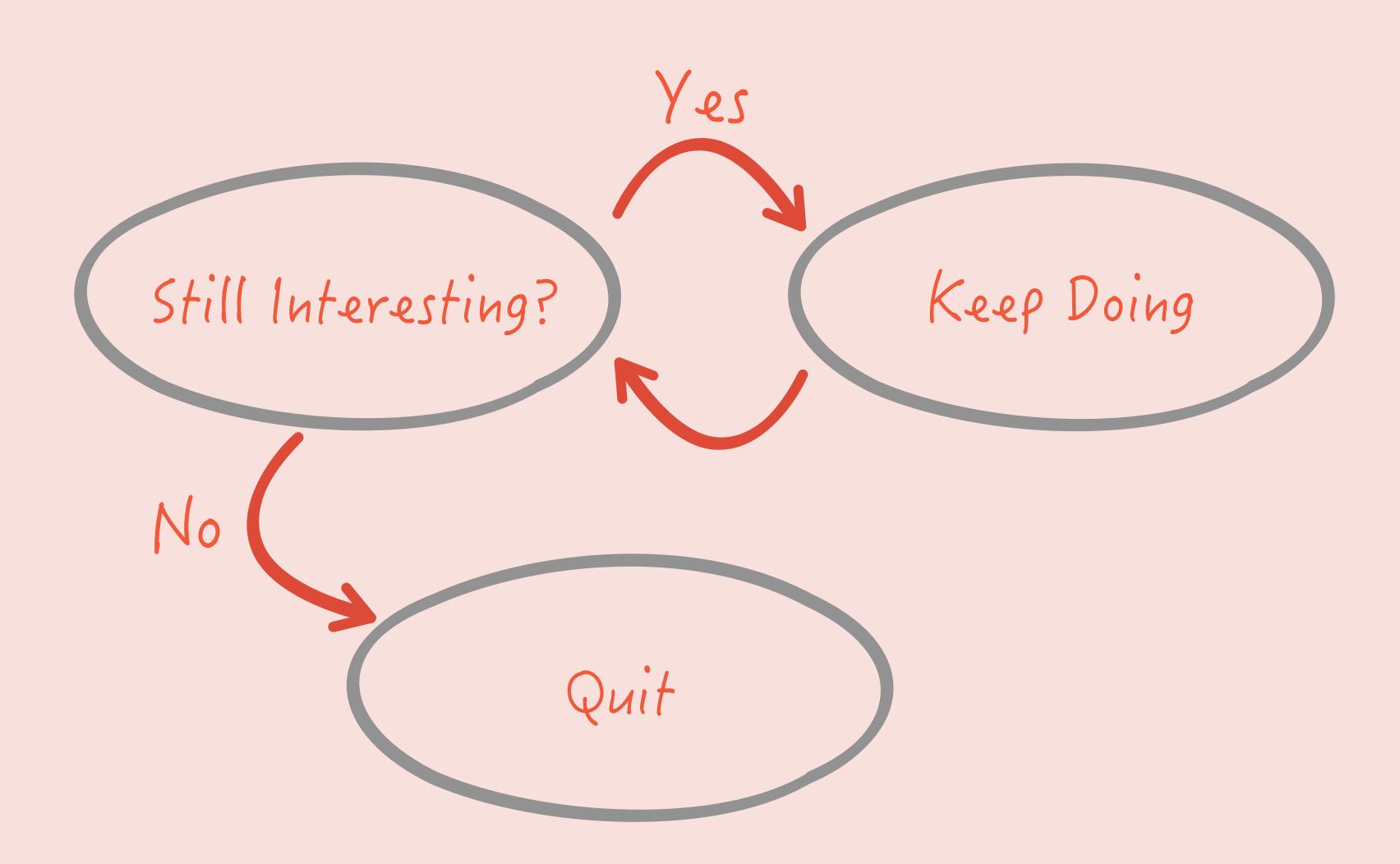
Restorative	Bloodlet
3% Died	33% Died



Dr. John Hughes Bennett, Edinburgh, 1830s

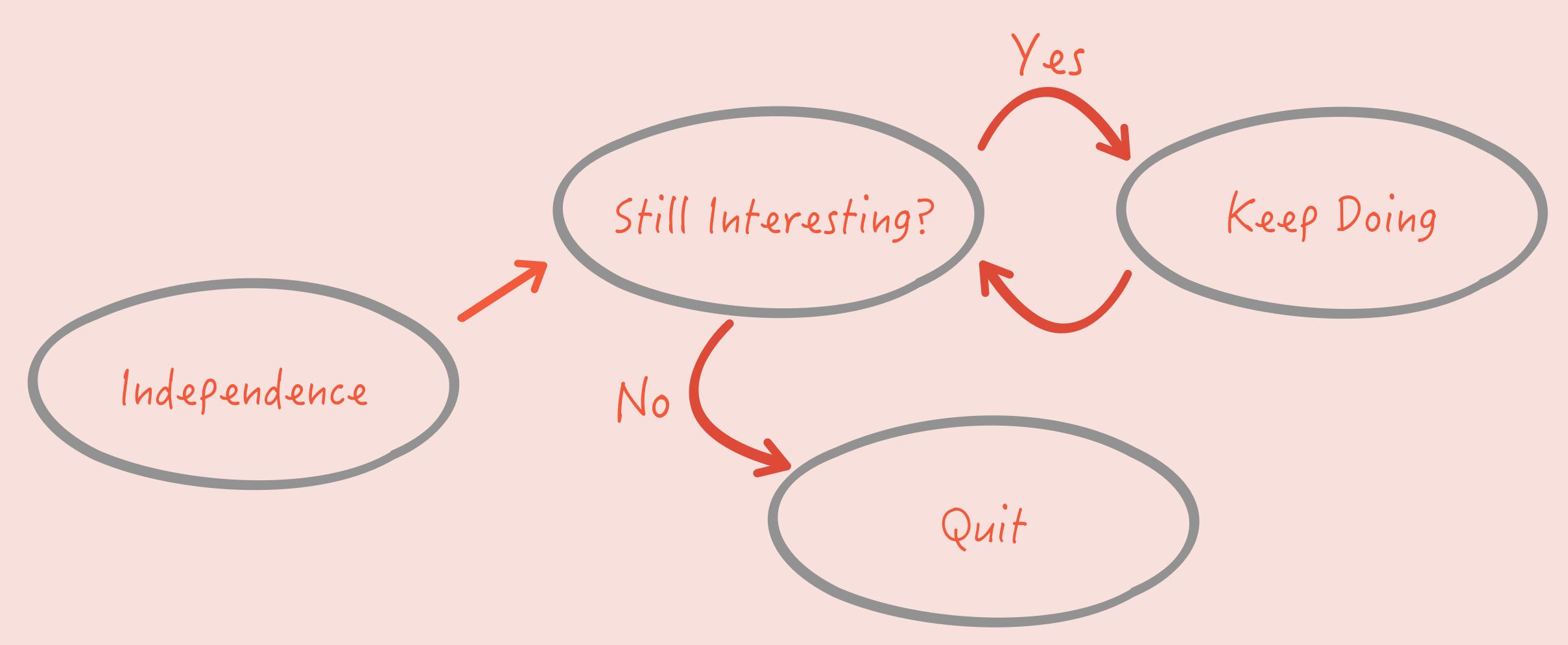


#### Youthful Decision Making

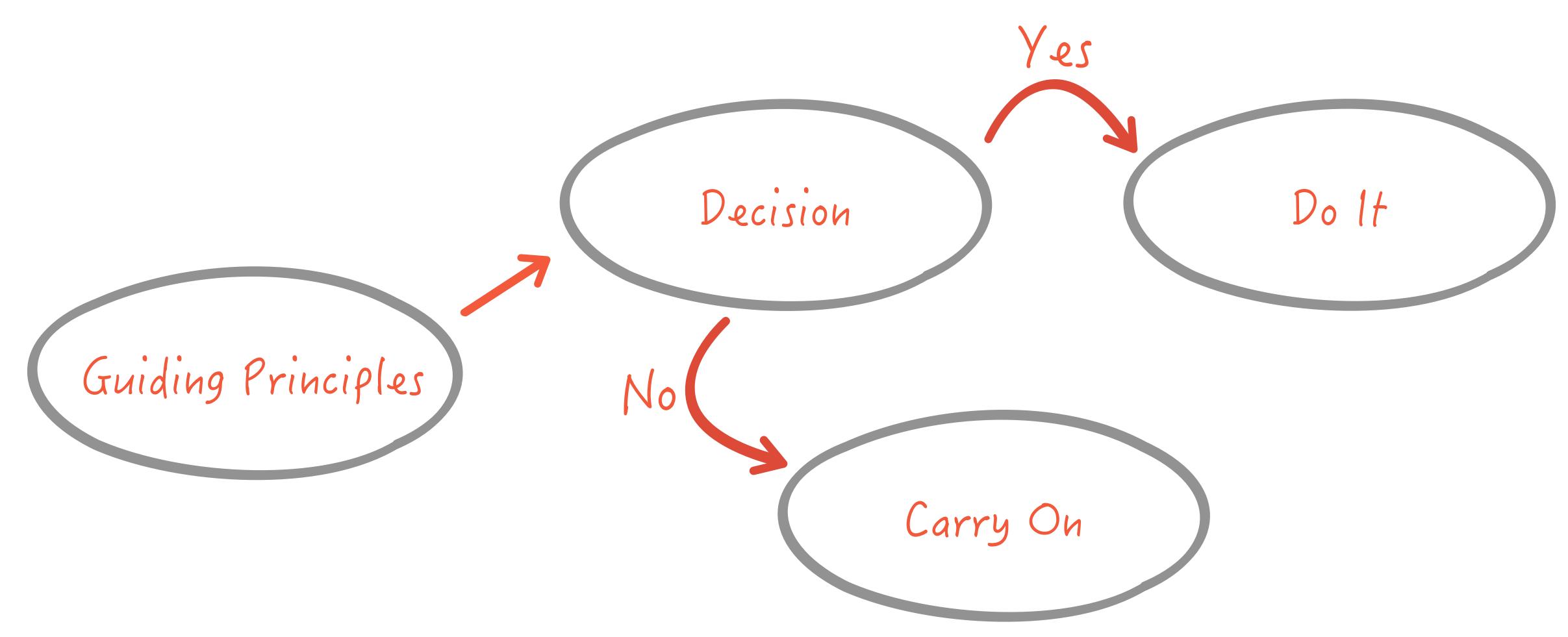




#### Adolescent Decision Making







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### My Guiding Principles

#### Experimentation

Find the smallest thing to prove it works

#### Focus on What You Control

Don't stress about what isn't up to me

#### Make a List

When you're stuck or start something

#### **No Surprises**

Clear expectations, protocol, follow-through

#### **Curiosity over Avoidance**

Always move towards the discomfort

#### Laziness

Push authority to where the information is



### Superstitions Are Frameworks







"...every person in a group makes the best decision for herself, based on what she thinks the others will do."

-Nash Equilibrium



#### How to you Break the Equilibrium?

### Change the Rules

#### Rock the Boat







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### Equilibria Everywhere

Brainstorming Meetings

Unlimited Vacation Policies

Tragedy of the Commons

Industry-Wide Layoffs

Recurring Meetings

Competitive Pricing

VC Investment FOMO

Stock Market



#### Regression Toward the Mean

Mental Simulation System 1/2 Thinking

Thought Experiments Eisenhower Matrix

First Principles Thinking Second-Order Thinking

Entropy Hanlon's Razor

Ockham's Razor Dunbar's Number

80/20 Rule Radical Candor

Thermodynamics Team Topologies

Shower Principle

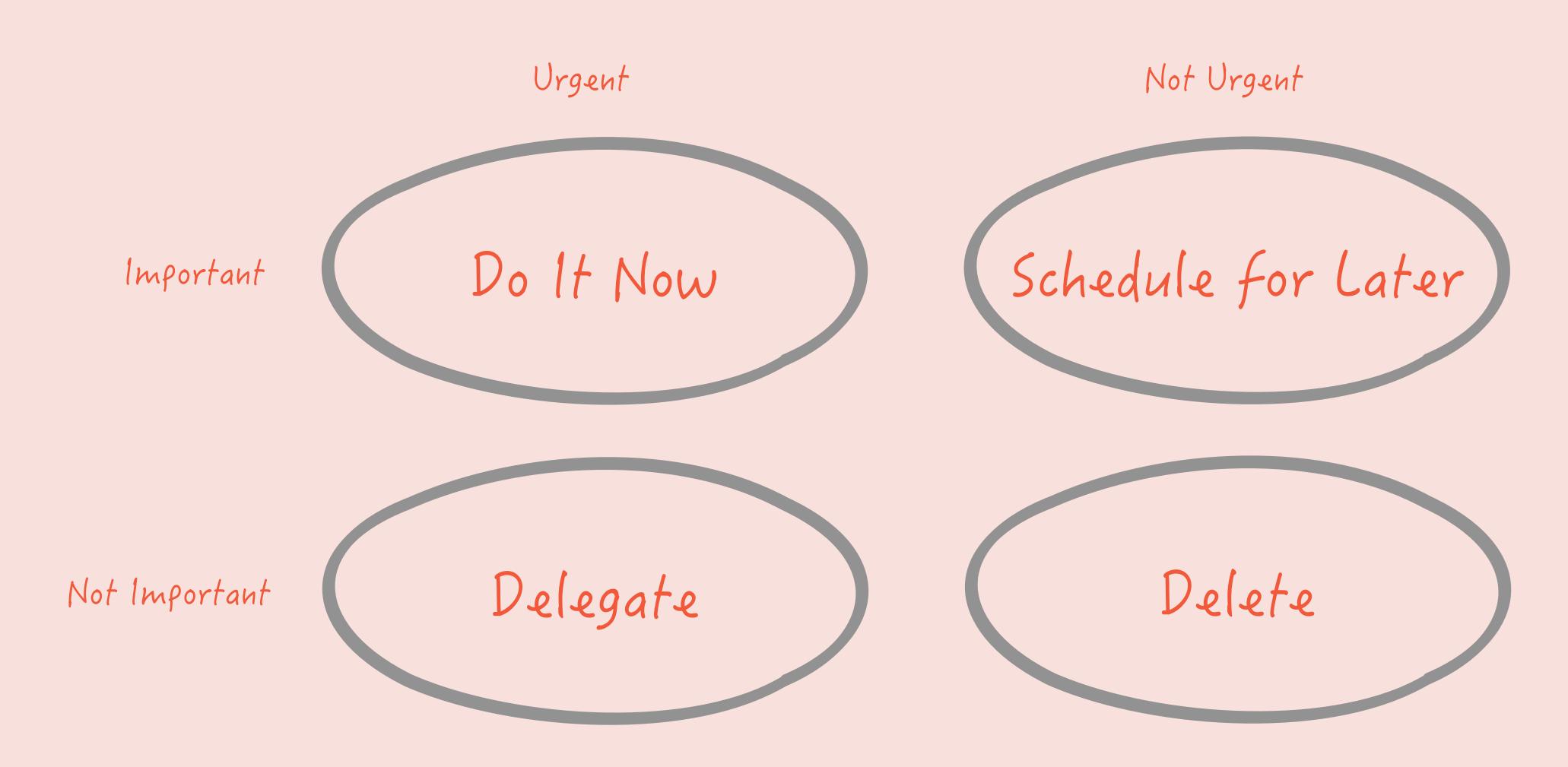




#### A Word of Caution

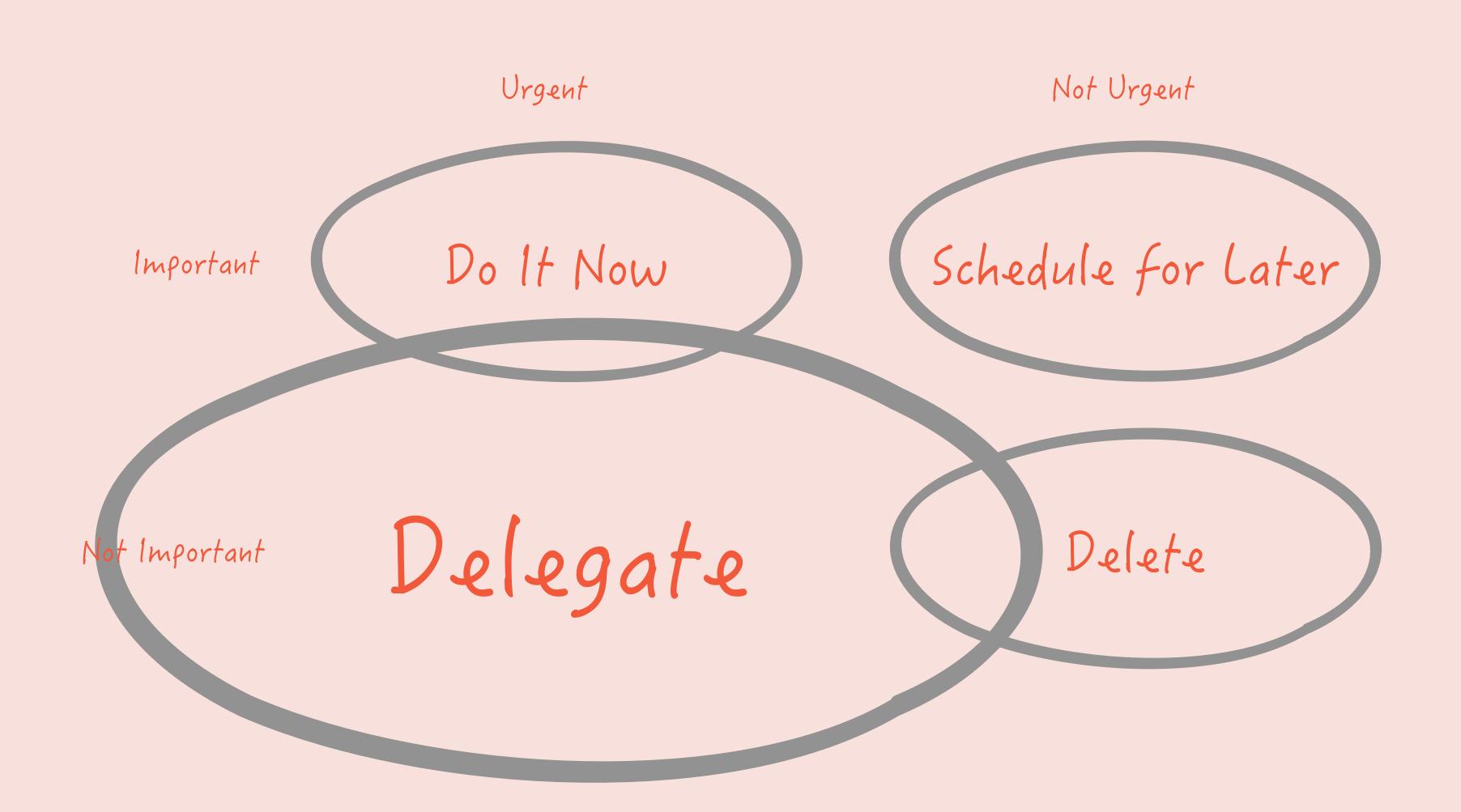


#### Eisenhower Matrix





#### Eisenhower Matrix





#### "What do you think we should do?"

-Me, way too many times

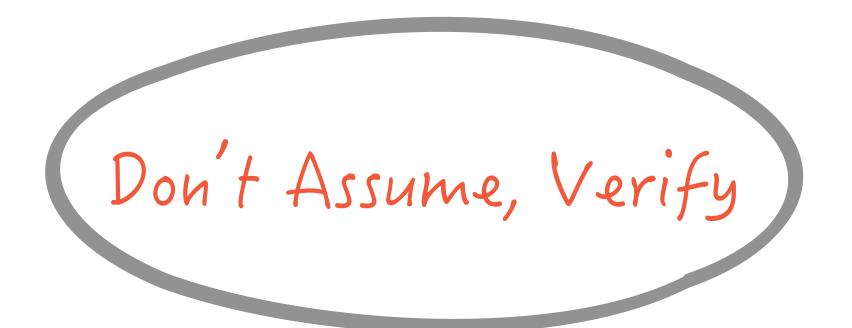


### Framework Requirements

- 1. People Should Solve Problems on Their Own
- 2. Address Problems Outside Experience and Competence
- 3. Clear Path to Resolution



### Guiding Principles



Laziness



No Surprises

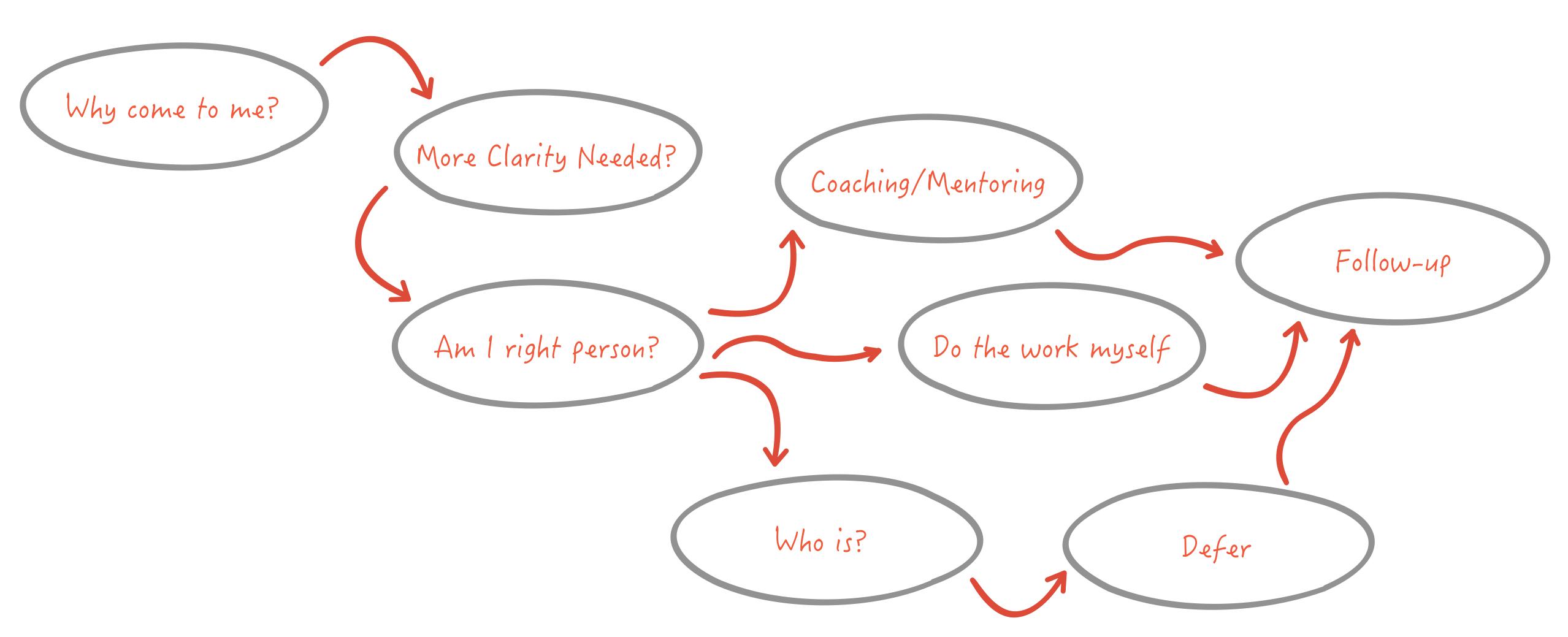


#### Framework Steps

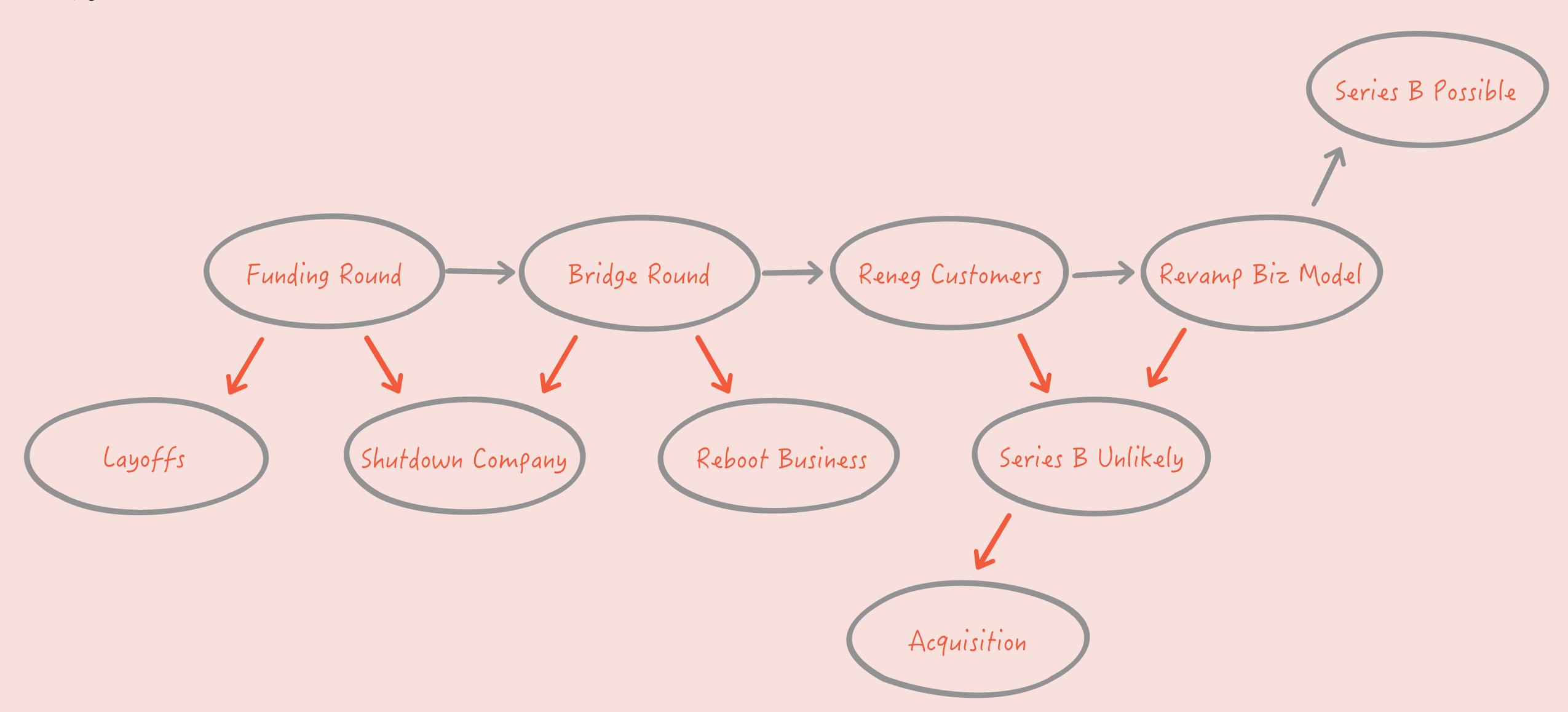
- 1. Why did they come to me?
  - A. Bring clarity (responsibilities, docs, process, etc.)
- 2. Am I the right person to help?
  - B. Provide coaching or mentoring?
  - C. Do the work myself
- 3. If not, who is?
  - D. Point them to that person
- 4. Follow-up with person.



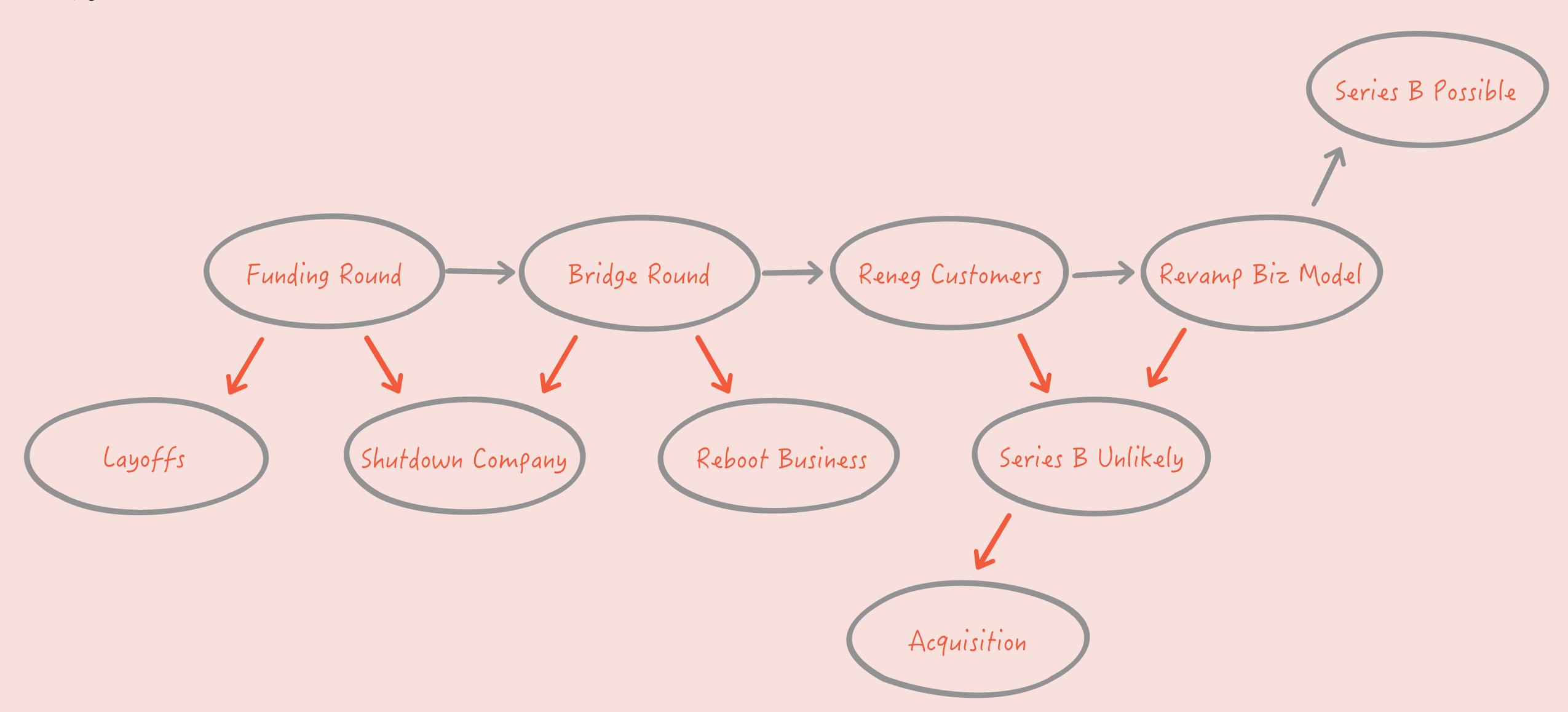
### Framework Steps









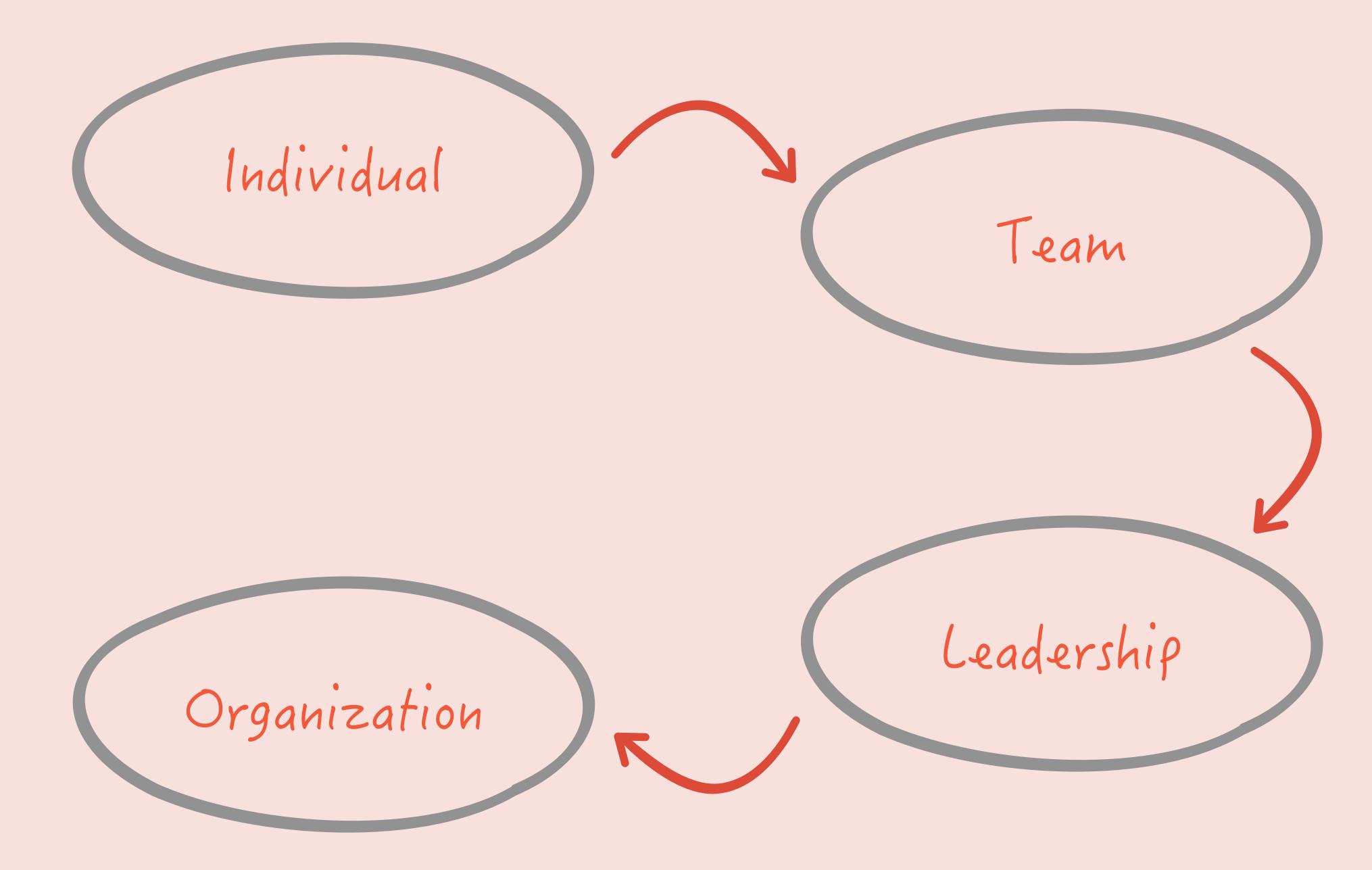




#### Summary

- 1. Don't leave things to chance
- 2. Take into account the laws of nature
- 3. Develop guiding principles to make good decisions
- 4. Scale yourself, scale your team with frameworks







### Frameworks are a Superpower



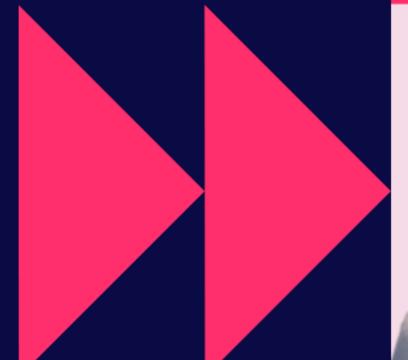
#### Community Corner

Get advice from our experienced engineering leaders in our new bi-weekly advice column. They'll be addressing your problems and we'll be publishing their responses every other Wednesday on LeadDev.com















### Thank you!

