

Teaching and Learning Strategies: Connections for Purposeful Education

Marcia Jackson, PhD

Joyce Donnellan, MSN



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Considerations for Choosing Strategies



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Do outcomes matter?



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Adult Learning Principles

for workplace learning

SELF DIRECTION

Adults want a say in the learning process



IMMEDIATELY APPLICABLE

Adults don't learn something because it might be useful in the future



EXPERIENTIAL

No sitting around listening to lectures



REAL LIFE

It is very hard to remember "stuff" without real-life application



Making Learning Stick



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Movement Trumps Sitting



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Talking Trumps Listening



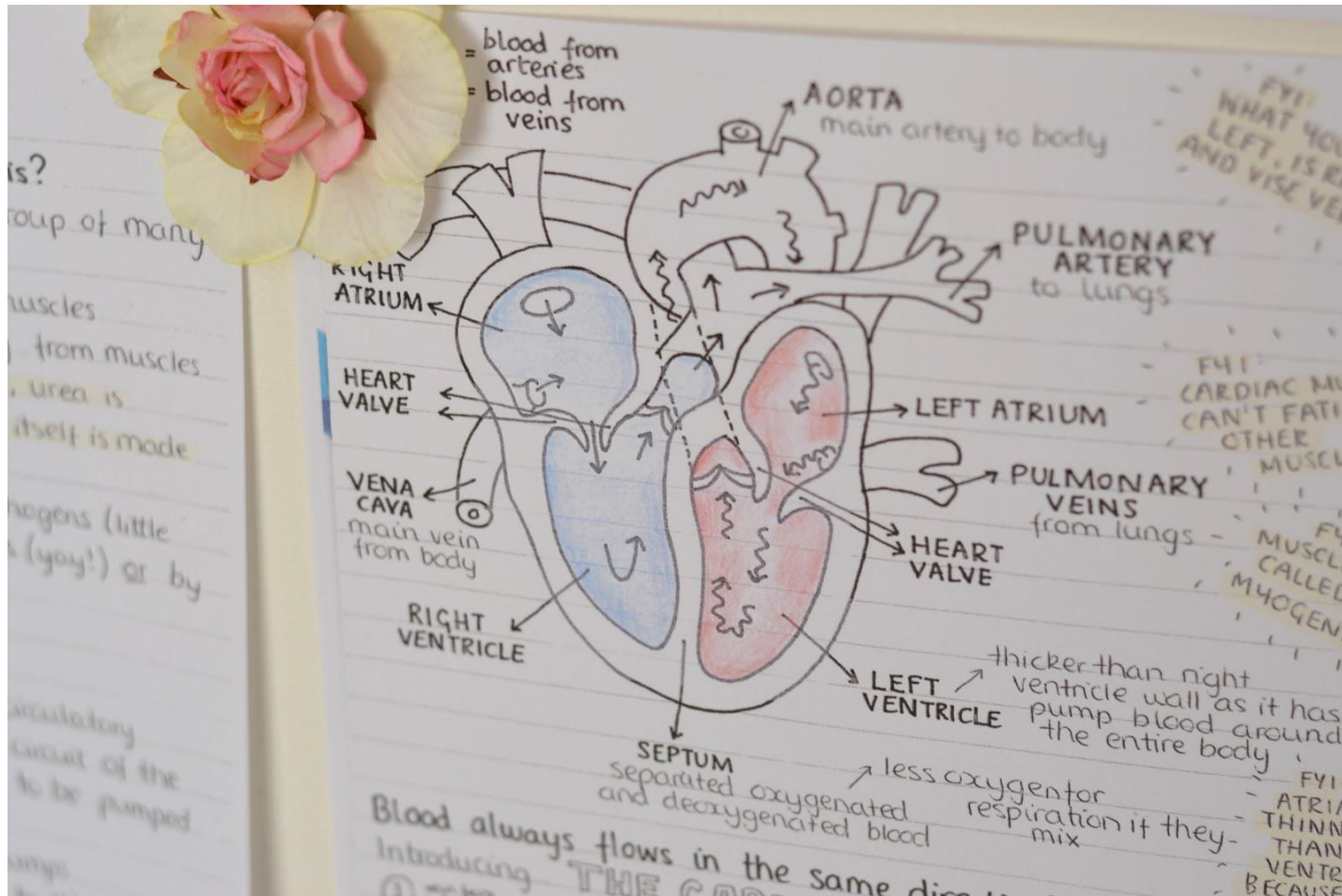
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Images triumph words



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Writing triumphs reading



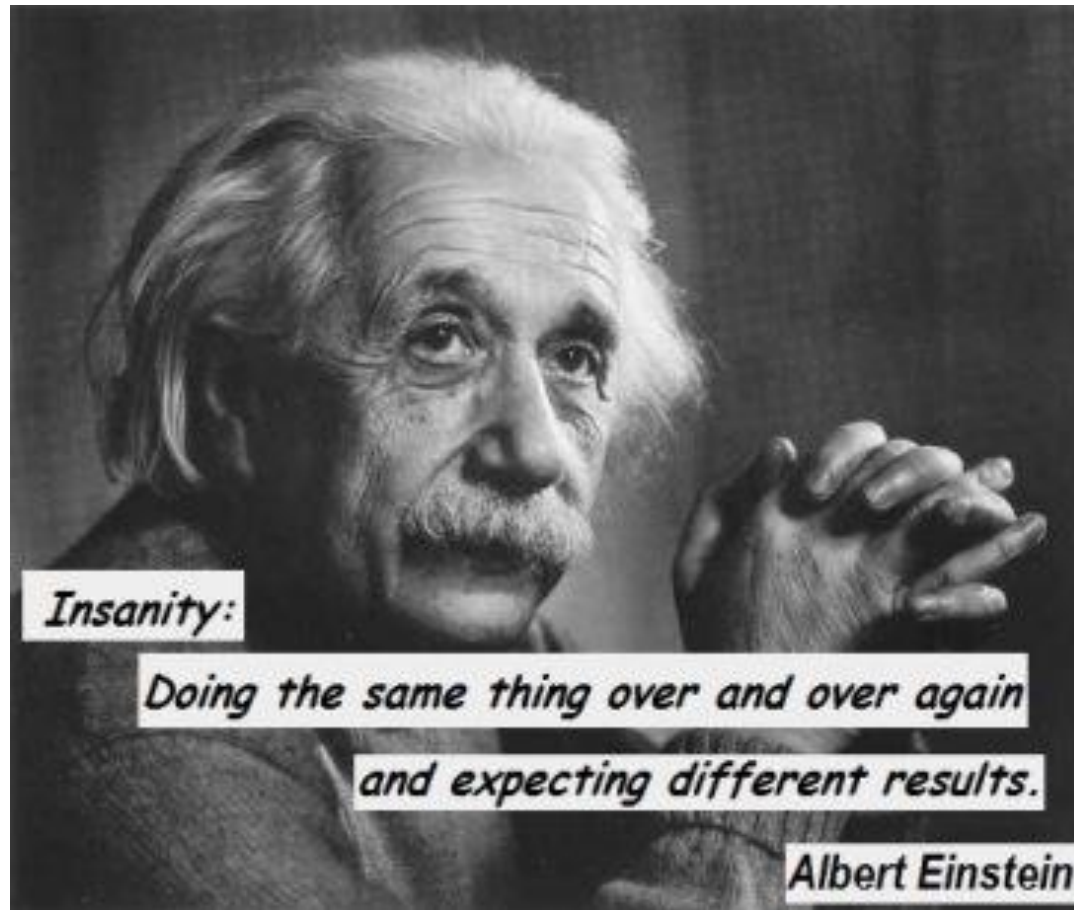
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Shorter Trumps Longer



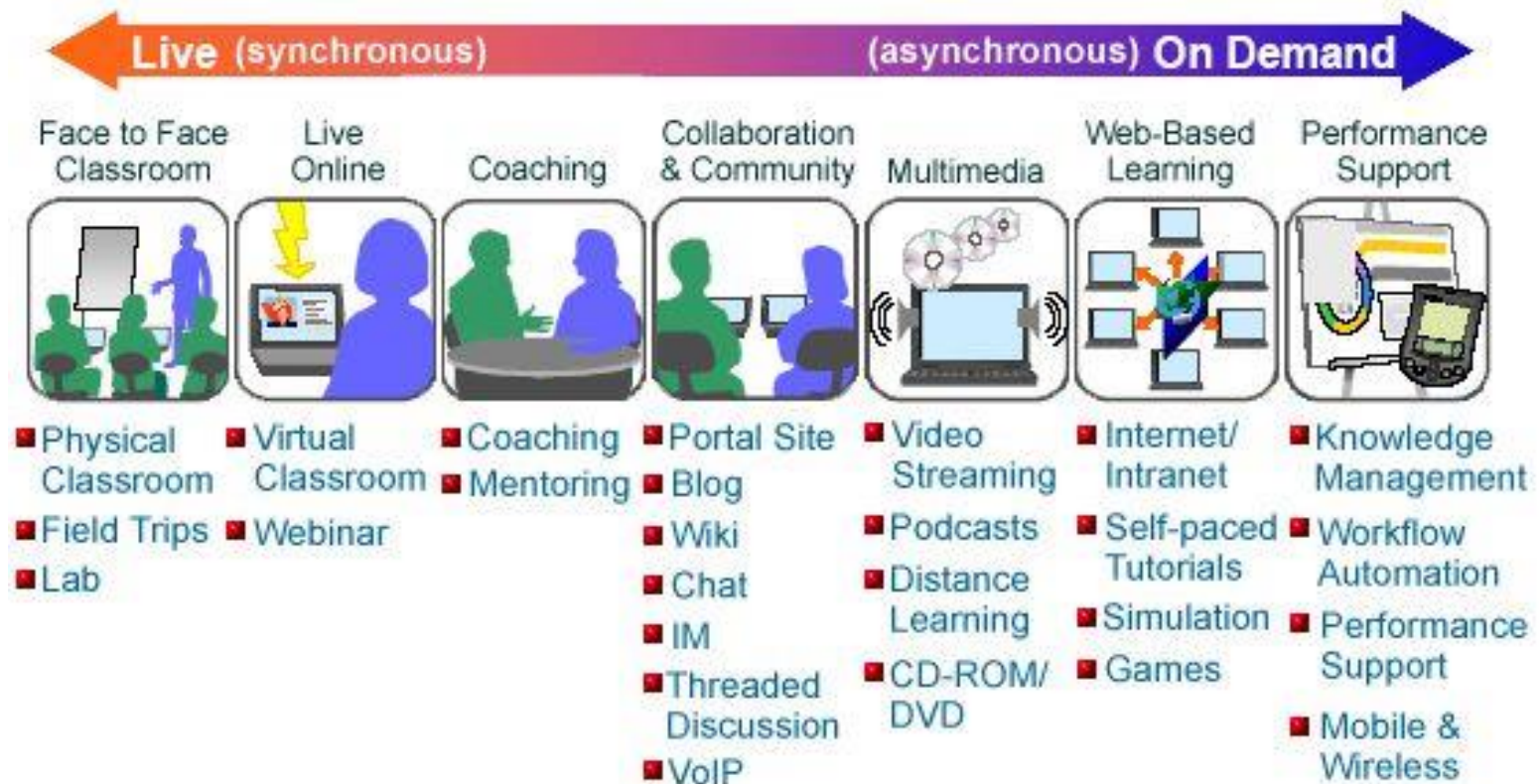
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Different Trumps Same



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Learning Formats



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Step 1

Intended
Outcome

Learn

Practice

Perform

Concept Naïve

Deeper
Understanding

Psychomotor
Skill

Mental Model

Adoption

Implementation



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Step 2

Learn



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Step 2

Practice

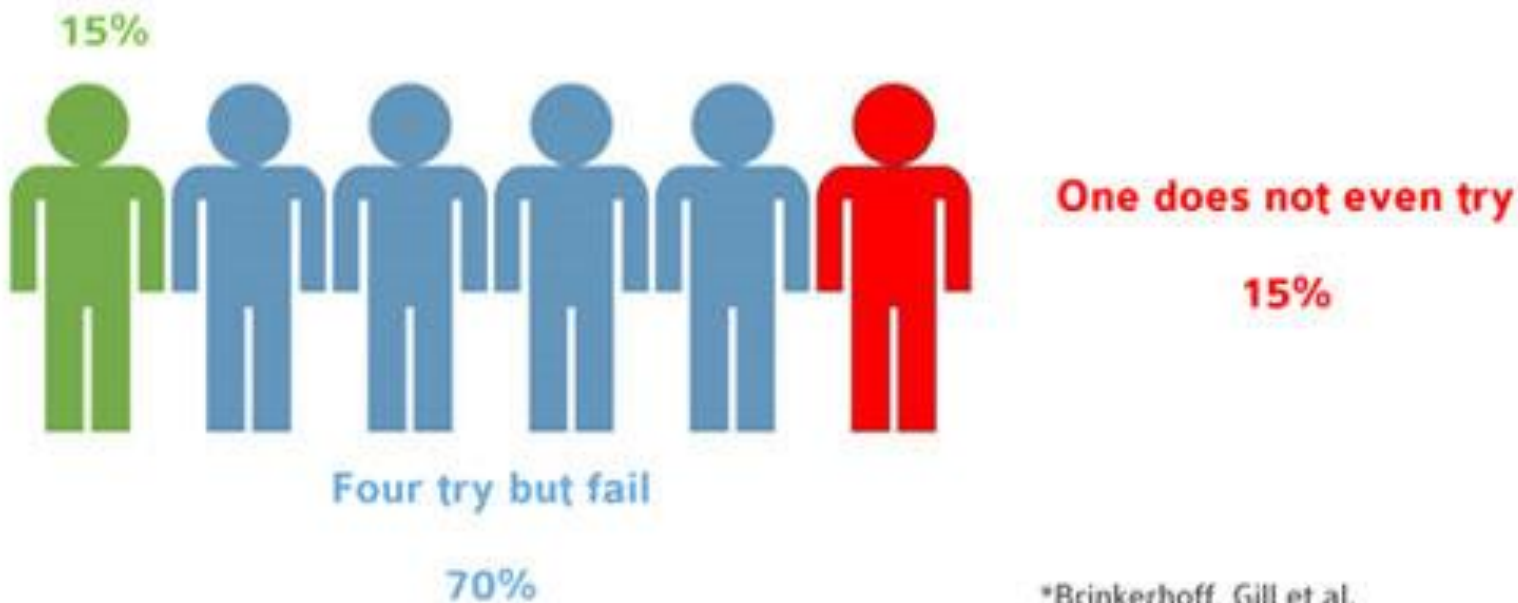


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Step 2

Take Action

Only one person applies their new knowledge and follows it through



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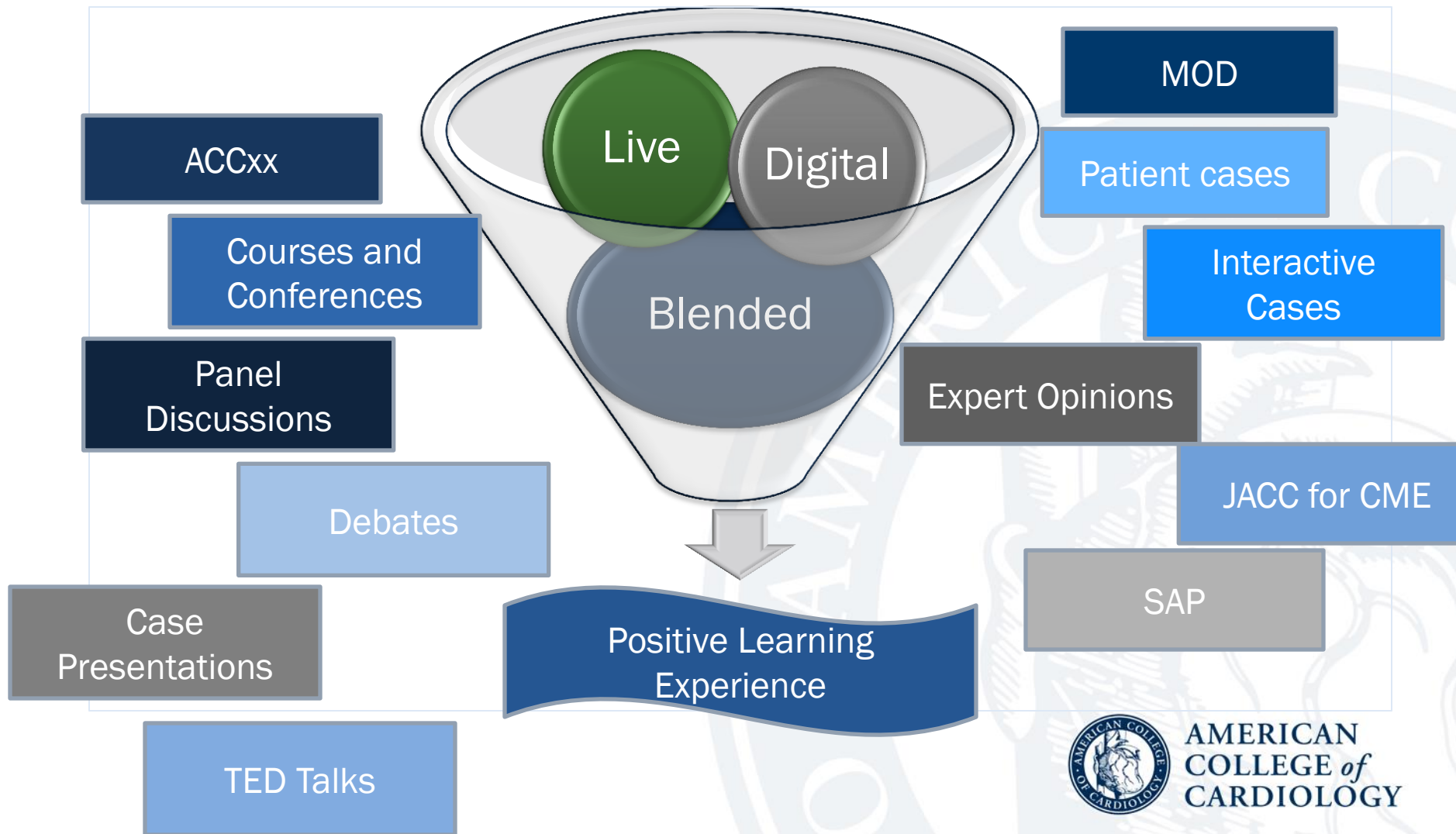
Current Trends

learning
Online MOOC
Courses Learning BYOD
Bring analytics Code.org
Open Massively Mobile
Resources
Game-based Flipped
Device Educational OER
classrooms



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Strategies at the ACC



So, What Format is the Right Format?



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Resources

CardioSource Learning Catalog

- <http://www.cardiosource.org/Lifelong-Learning-and-MOC/Full-Catalog-of-Learning-Activities.aspx>

ASCVD Risk Estimator

- <http://www.cardiosource.org/Science-And-Quality/Practice-Guidelines-and-Quality-Standards/2013-Prevention-Guideline-Tools.aspx>

Heart Songs

- <http://www.cardiosource.org/Lifelong-Learning-and-MOC/Education/Heart-Songs-3.aspx>

Echo Calculator

- http://tools.cardiosource.org/tools/ccpEcho.html?w_nav=CCP&WT.mc_id=CCP

Frailty Calculator

- http://tools.cardiosource.org/tools/ccpfrailty.html?w_nav=CCP&WT.mc_id=CCP



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