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What's new in CTO PCI

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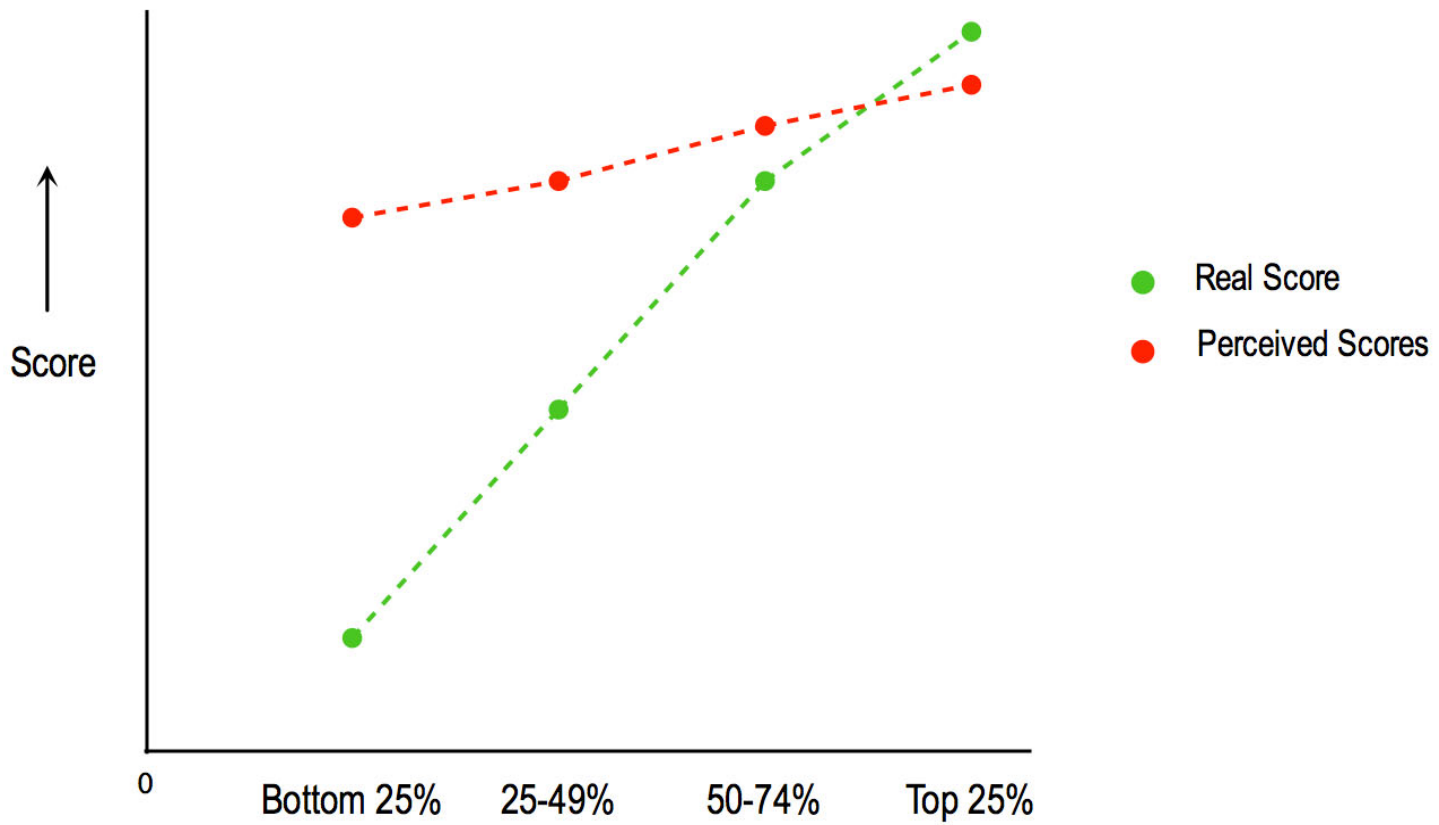
Success Rates

- With new generation cto wires
 - AWE has had no change in success rate in 15 years
- Retrograde cto pci represents 35% of cases with slow decrease in use of epicardial collateral due to risk
- Overall registry data from US, Japan and Europe CTO pci success rate stuck between 85-89% in selected population

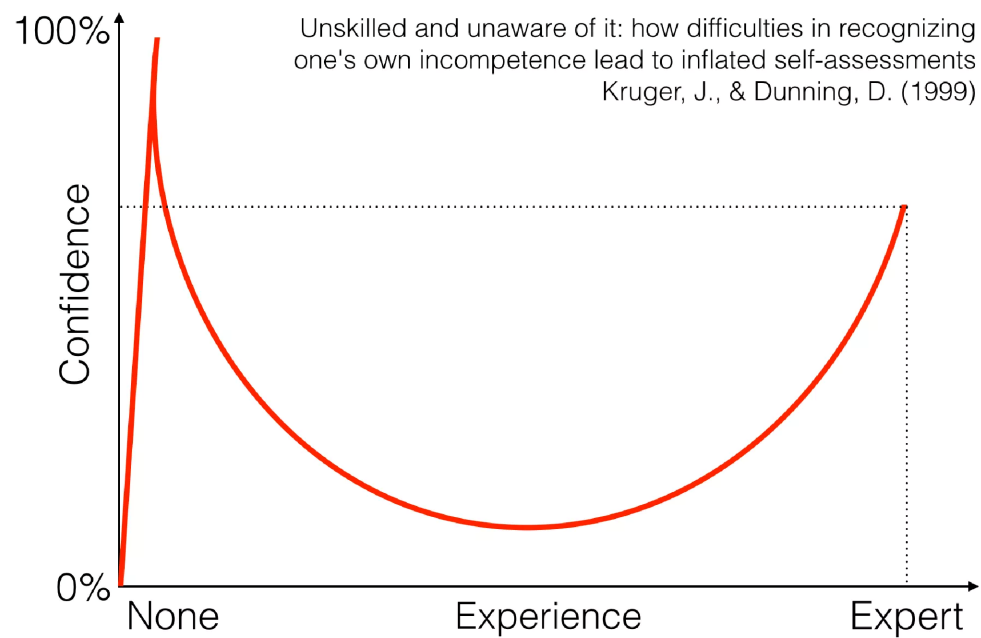
What metric to follow

- Success Rate?
- Complication rate?
 - What's a meaningful complication:?
- Skillset development
- Purposeful practice
- Patient, Hospital or Doctor, which matters the most and Why?

Actual vs Perceived ability



Dunning-Kruger Effect



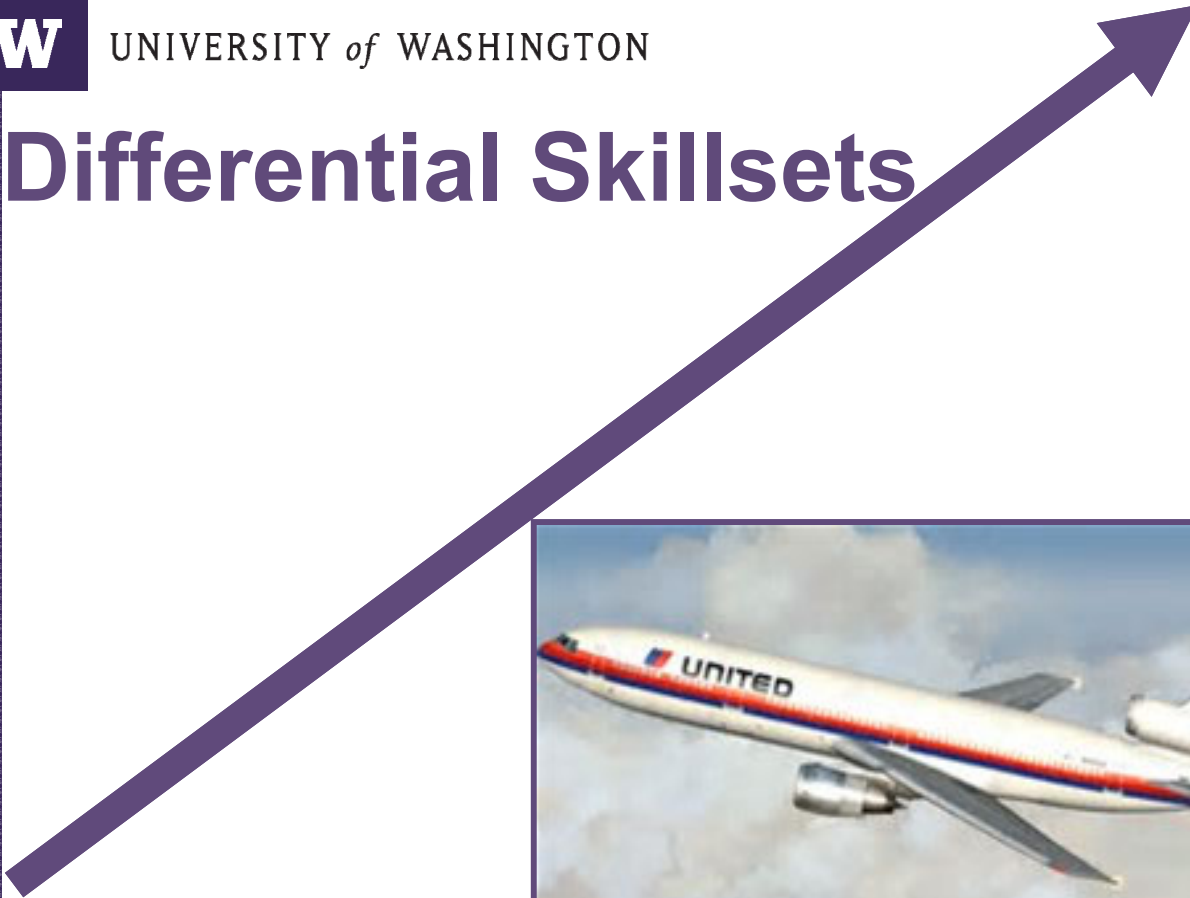
Complications

- Michigan BMC2 showed
 - If you do less than 10 cto/year
 - success rate 53% 3.0% MACE
 - If you do more than 50 cto/year
 - success rate 86% with 3.2% MACE
- Expertise like TAVR, Mitral Clip, Peripheral intervention And CTO PCI is about the operator getting better, not the technologies

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Differential Skillsets



What's new to improve success and reduce risk

- Better wires and understanding of re-entry techniques specific to antegrade approaches
- STAR

Conclusions

- Are you better this year than last year?
- Expertise still required to achieve high success and manage MACE
- How often and who coaches you?
- What fear stops you?
- Complications July 14-15, 2023 in Seattle (follow the CRF website)