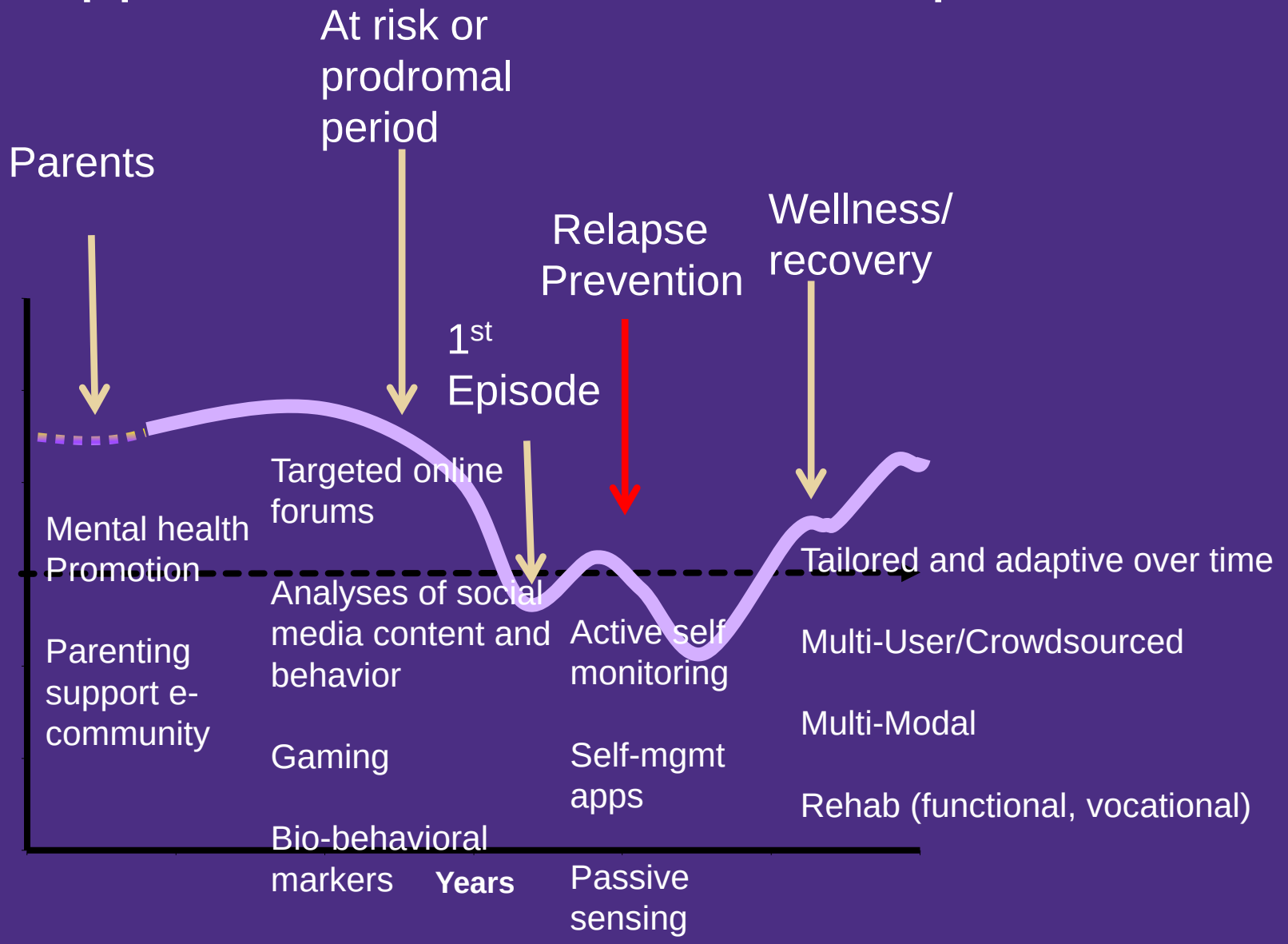
Integrating Mobile Technology into Clinical Practice

Dror Ben-Zeev, PhD
Professor of Psychiatry and Behavioral Sciences
Co-Director, Behavioral Research in Technology and Engineering (BRiTE) Center

UNIVERSITY *of* WASHINGTON

Detection, Intervention, and Prevention Opportunities Across the Lifespan



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Vision: An mHealth-Informed Provider

Has the time, patience, and capacity to learn, grow, and expand her clinical expertise to improve patient outcomes in a deep, meaningful, and sustainable manner

Digital Native

Formal mHealth Training

Up to speed with scientific findings developments

Highly motivated

Incentivized by her organization

Consistently uses evidence-based interventions

Excited about multidisciplinary teamwork

Critical thinker and avid user of data

Relishes the opportunity to learn about, and use, new technologies

Has the personal, organizational, and legal flexibility to choose from a wide array of treatment options

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Reality

Busy. Super busy.

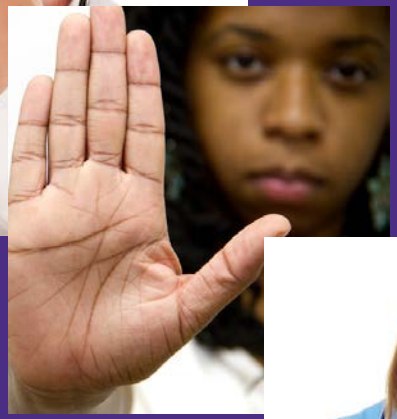
Another technology… can I find this in the EHR?

Will I get sued?

Will I get paid?

Does this require training? Certification?

More options, data, bells, whistles, pings… more decisions, more problems.



What's a Y-AXIS?
Correlation not causation??

Just tell me what to do.

Does this improve patient outcomes?
Does this improve my life?

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Organizational Implementation

- How much does this cost? Who pays for this?
- Does this generate measurable revenue and/or savings to our organization?
- Do we have the capacity to absorb it?
- Where does the tech “live”? How is it serviced? Updated? Modified?
- Patient privacy? Data security?
- Can our culture absorb this new technology successfully?
- How does this integrate into our existing services and workflow?

Go “disrupt” somewhere else

Take Home Messages

- The fact that we can do something technologically does not mean that it makes sense clinically.
- Scientists and developers' enthusiasm for a new mobile health tool does not determine whether clinics will use it.
- "User-centered design" means more than just considering patient characteristics.
- Developers need to ponder their audience and deployment context: providers, healthcare systems, funding and reimbursement environment, regional policies and pressures…

A New Breed of Healthcare Professional?

Patient-Facing	Provider-Facing
Familiar with digital health	Embedded in the system
Assess and educate	Educate and train
Provide tech troubleshooting	Provide tech support
Support engagement	Access data, filter, translate

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Contact:

Dror Ben-Zeev, PhD
dbenzeev@uw.edu

brite.uw.edu

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