

PRECISION CRITICAL CARE How data can help us find the zebra in a herd of horses

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We Are All Zebras: How Rare Disease Is Shaping the Future of Healthcare

"When you hear hoofbeats, think of horses, not zebras," Dr. Woodward told his medical interns in the 1940s to teach them the art of diagnosis. That was then. This is now. Now there's precision medicine, a revolution in healthcare based on the rare disease model. Precision medicine sees the zebra in all of us and focuses not on what makes you part of the herd, but what makes you unique.



"When you hear hoofbeats, think of horses not zebras."

—Dr. Theodore Woodward





DATA TO ENABLE DISTINCTIONS



59 KB

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DATA TO ENABLE DISTINCTIONS



DATA TO ENABLE PRECISION



R_x







<u>COmbining</u> <u>Novel</u> Datasets to Understand Illness Trajectory

www.conduitlab.org





Transcriptomic clusters of sepsis



Transcriptomic effects of lactoferrin











































Phenylephrine infusion

Courtesy of V. Tolls









STEPS

STAIRS

HEART RATE

SLEEP





NEED FOR PRECISION







AVAILABILITY OF DATA



Right Treatment





QUESTIONS & COMMENTS





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