

Understanding Disease Progression Models: What are They, Why are They Useful, & How Are They Applied



The graphic features a dark blue background with a grid of small white squares and faint circular icons. In the top left, the Critical Path Institute logo is shown next to the text 'RARE AND ORPHAN DISEASE PROGRAMS' and 'CRITICAL PATH INSTITUTE'. To the right is the 'RDCA-DAP' logo, which includes a stylized 'R' icon and the text 'RDCA-DAP' followed by 'Rare Disease Cures Accelerator Data and Analytics Platform'. The words 'WEBINAR SERIES' are prominently displayed in large white letters. On the right side, a yellow rounded rectangle contains the text 'Previously Recorded' and 'VIEW NOW' in blue, with a white mouse cursor icon pointing at the 'VIEW NOW' text. Below this, a portrait of Luke Kosinski, Ph.D., is shown. To the right of the portrait, the title 'Understanding Disease Progression Models' is written in yellow, followed by a white subtitle: 'What are they, why are they useful, and how are they applied in rare and orphan diseases? A high-level overview.'

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**Understanding Disease
Progression Models**

What are they, why are they useful, and how are they applied in rare and orphan diseases?
A high-level overview.

Luke Kosinski, Ph.D.
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Disease progression modeling synthesizes statistics with disease knowledge and data to inform predictions and understanding of disease course in populations and subpopulations and is commonly used in model-informed drug development. Using examples from rare and orphan diseases, this webinar looks to break down the high-level ideas behind disease progression models, exploring what they are, what they do, and

why they are useful.

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