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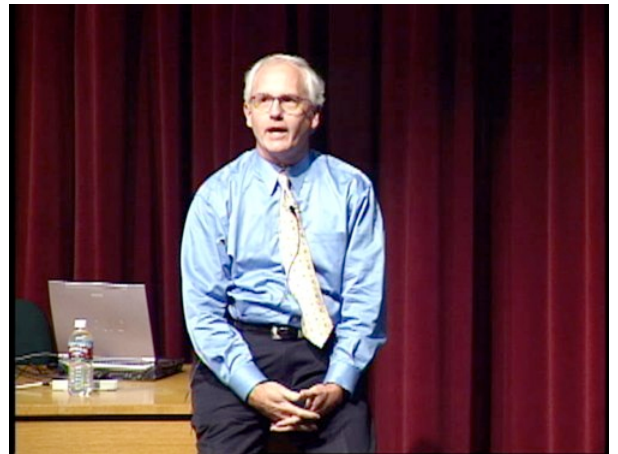
Convergence and Drug Delivery

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Video URL: <http://ecorner.stanford.edu/videos/467/Convergence-and-Drug-Delivery>

Yock addresses the question: Where else is convergence happening between biology and devices? He believes that outside of the cardiovascular area, convergence is happening in local drug deliveries for many uses. The combination of sensing some condition and delivering and optimizing drugs is something that will be seen in the future, he says.



Transcript

Yeah. So the question is where else is convergence happening between biology and devices outside of the cardiovascular area. I think local drug delivery of any flavors, so whether it be for treating malignancies, for treating organ-specific entities, that's an incredibly powerful area that is not very well tapped. And that's going to require an interaction of the device and the drug interplay. I think that the combination of sensing some condition and delivering and optimizing drug is something that we're going to see in the medium timeframe that we haven't even begun to think about yet. I think that pushing the drug frontier back to earlier stages of diseases in our field, for example early atherosclerosis is may be a device-drug type interplay.