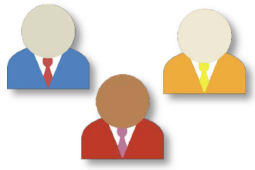
Public Health "Emergency Broadcast System"

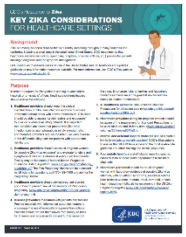
Sasha TerMaat: sasha@epic.com

today



CDC formulates guidelines

Published on CDC website



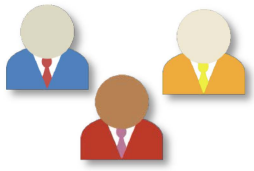
EHR experts learn there's new guidance

EHR experts translate guidance into CDS

EHRs increase awareness of and compliance with guidelines

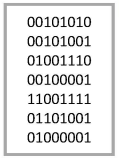
Repeat as guidance changes

future

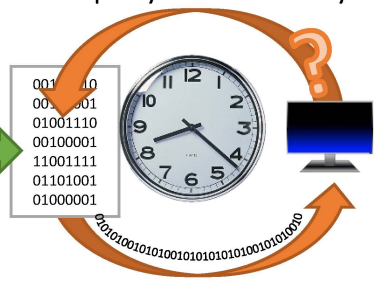


CDC formulates guidelines

Published – human and machine readable



EHRs query CDC API every hour



EHRs translate machine readable guidance into CDS

EHRs increase awareness of and compliance with guidelines

Repeat as guidance changes

advantages

1. High visibility CDC-EHR communication channel to front line clinicians for information regarding public health emergencies
2. Faster and easier incorporation of CDC guidance and updates
3. Consistent implementation of CDC guidance
4. Simple, standards-based technical solution for EHR developers

challenges

1. CDC will need to formulate and publish machine readable guidelines
2. Judicious use of "broadcast system" to avoid perception of spam
3. Most effective to start with focused scope

Last updated 2/7/2017