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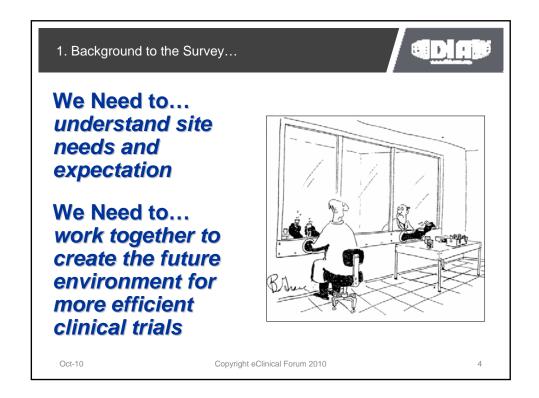
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# Overview... 1. Backgound to the ed

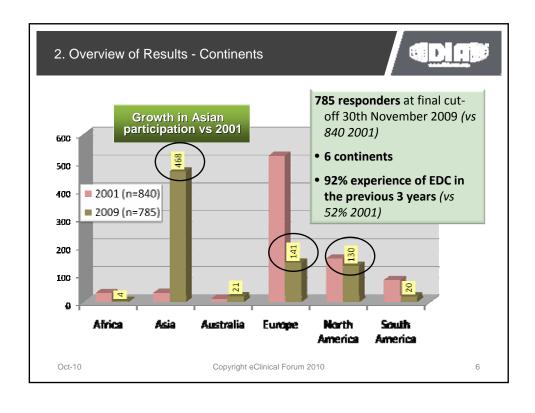
Investigational site perspectives on the future environment for clinical trial information systems

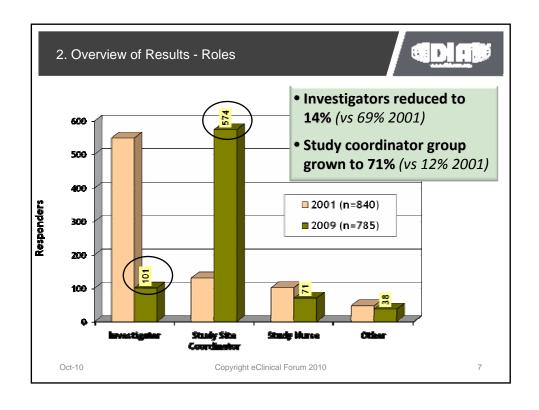
- Backgound to the eCF Site Survey
- 2. Overview of results
- 3. Insights into
  - a) Data capture
  - b) Emerging eClinical technologies
  - c) Secondary use of EHR data
- 4. Conclusions / Next Steps

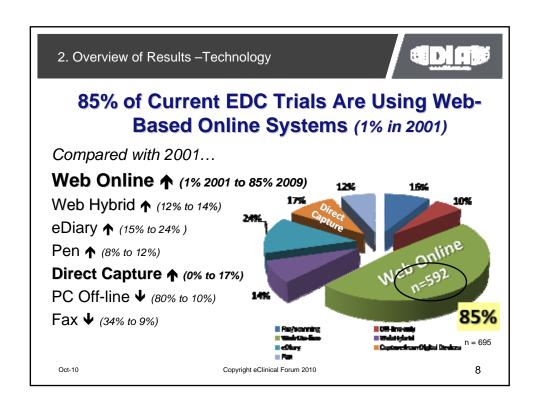
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## 3a. Experience with EDC



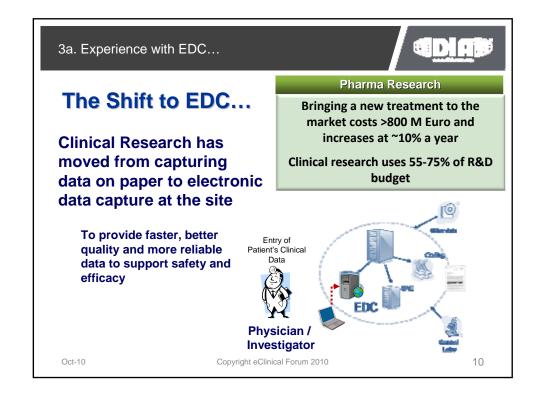
## **QUESTION 1**

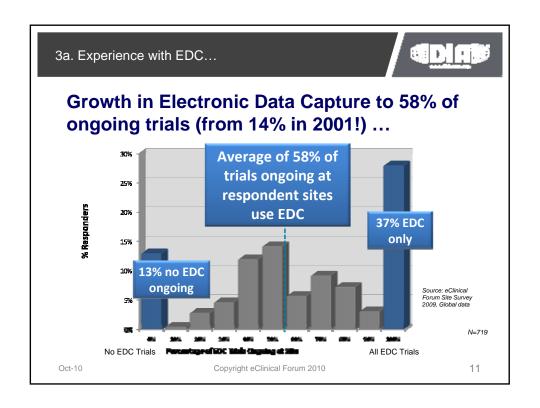
What can we learn about the future environment for clinical research from site **experiences with EDC**?

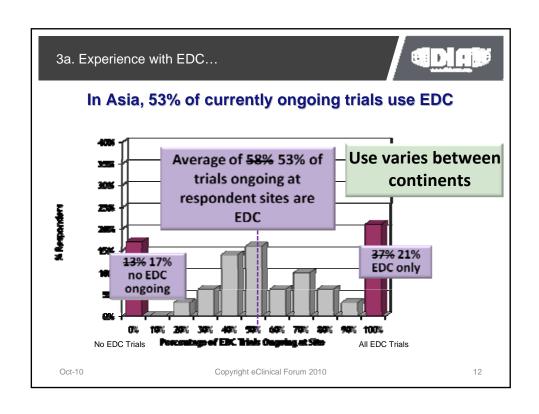
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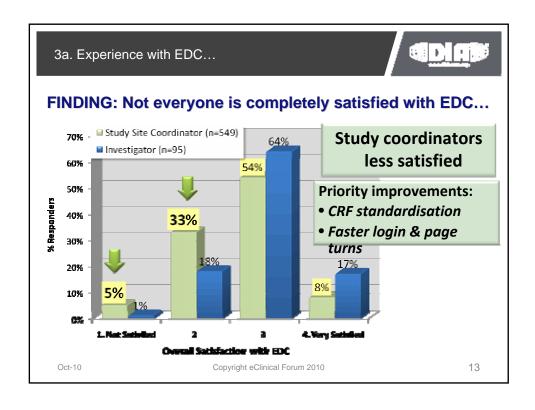
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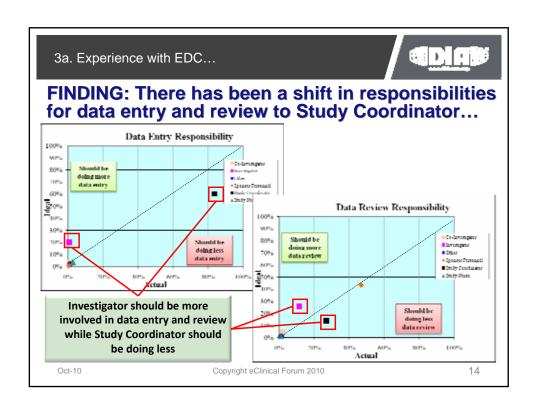
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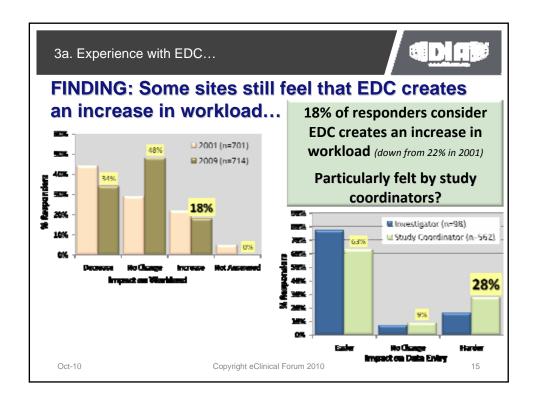


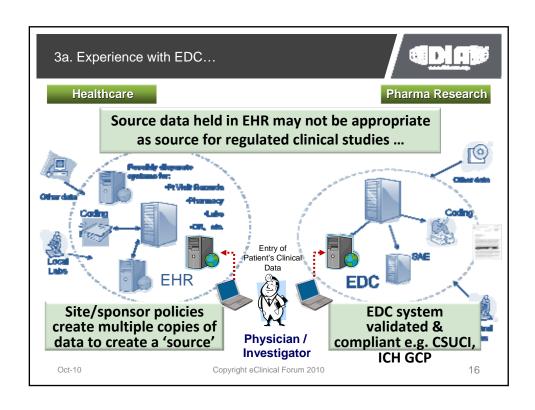


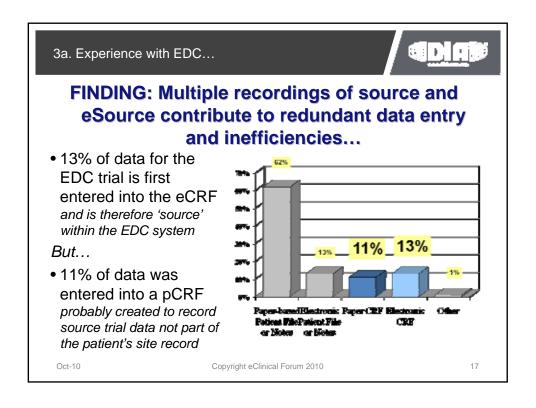


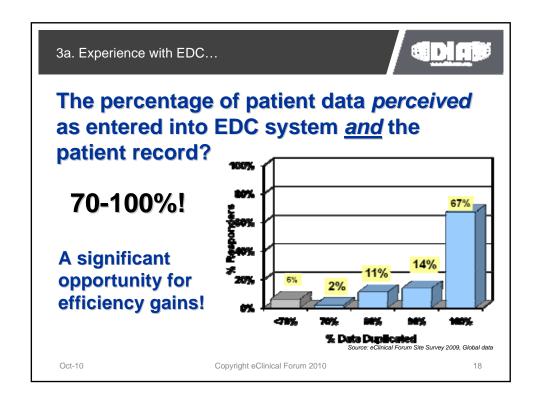












3b. Emerging eClinical Technologies...



## **QUESTION 2**

What do sites consider as priorities for emerging eClinical Technologies?

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Emerging eClinical Technologies...



## Emerging eClinical features would be of benefit!

## Of primary importance...

- Single sign-on ...... 63% for all study web portals
- Online approval of documents ............... 54% via e-signature

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### Emerging eClinical Technologies...



# Emerging eClinical features would be of benefit!

## Of less importance...

- System access can be requested online........... 49%
- Study site master file maintained online........... 38%
- Feasibility questionnaires via secure portal ..... 37%

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## 3c. Secondary Use of EHR Data...



# Many healthcare professionals and researchers wonder why the different electronic sources can't be linked

#### Healthcare

Completing ~1400 data points per patient

A typical trial has 6000 data queries (time /cost to correct)

## This would avoid...

- Reduce redundant data entry
- Avoid data transcription errors
- Clarify the 'source issue
- Use a familiar system

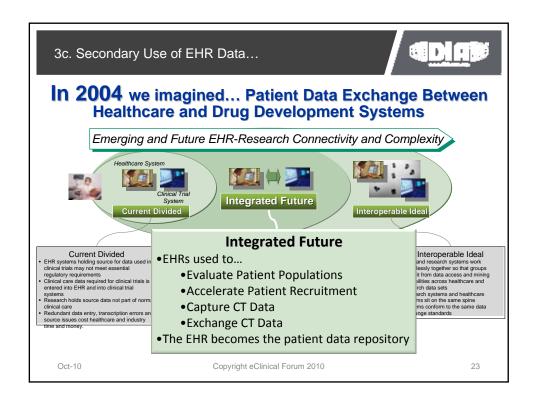
#### Pharma Research

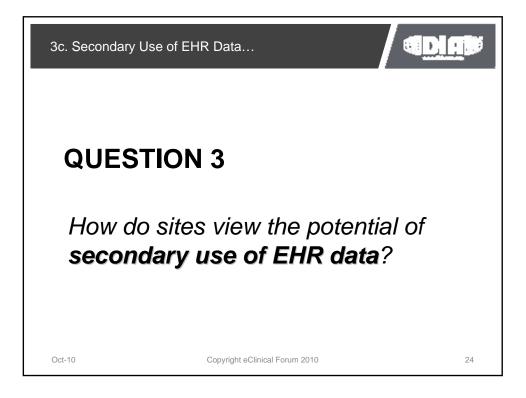
58% of trials do not meet projected recruitment rates!

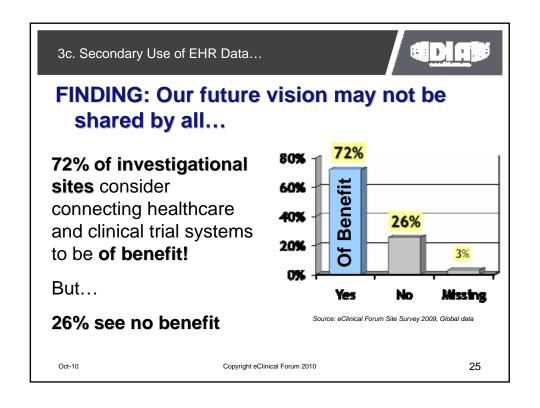
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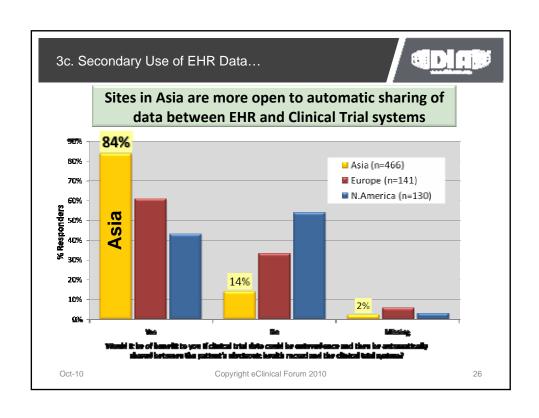
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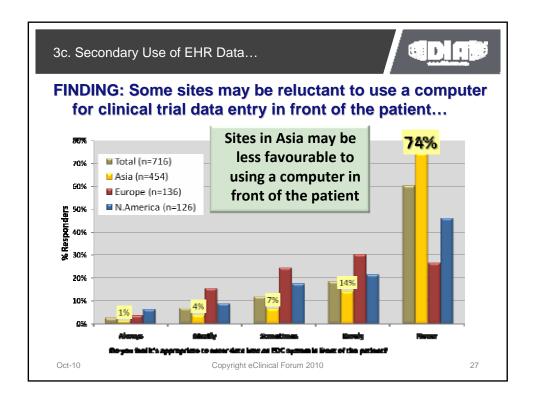
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## 4. Conclusion and Next Steps... 1. The eCF Site Survey gives an important insight into the needs and expectations of sites for the emerging environment for Clinical Trials · Data capture Emerging eClinical technologies · Secondary use of EHR data 2. The following areas need to be considered... · Not everyone is completely satisfied with EDC o Source o Increase in workload and data entry effort o Change of responsibilties Some emerging eClinical technologies are of more importance to sites Not everyone sees benefit in connecting healthcare and research A review of only a small proportion of the survey data Copyright eClinical Forum 2010

