

## The Adjudication Process in Clinical Events Committees

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Taking Decisions on Events

$3^{\text {rd }}$ Annual DIA Clinical Forum - Nice 2009

## Clinical Events

- Clinical trials can be driven by clinical events
- Many clinical events lack standard or commonly accepted definitions or are subject to interpretation


## Clinical Event: examples

- Hospitalization for PAH-non elective with predefined criteria (including IV prostanoid, Tx and BAS)
-New *** due to *** as either the primary or relevant contributing cause


## The Adjudication Process

- An event reported at a site is reviewed by a set of experts (CEC)
- The assessment done the set of experts is used for statistical analyses


## Clinical Event Committe

Central Event Committe
Critical Event Committe

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## The Adjudication Process

## CENTRALIZED

## ON-LINE

## Why Central Review ?

- Accuracy in Event detection: high level of expertise needed
- Independency: avoid bias in finding out events
- Homogeneity: centralized committee


## Why an online system?

- Time to confirm an event as a study endpoint is a key factor
- Amount of data involved in the decision process
- Data can change during the adjudication process before file closure
- Users may need interactive tools (generate Charts, view Radiology / CT images with zoom / measure / contrast features)


## Online Adjudications System in Actelion

- 2001: Enable (>1600 Patients)
- 2005: Compass II (ongoing)
- 2008: Conscious II (ongoing)
- 2008: Seraphin (ongoing)
- 2009: Conscious III (under development)
- 2009: Restora (planned)



## What is the difference between the implementations?

- The roles involved
-The process
- The link with External Sources
- Interactive tools


## Patients data handled by the system

1. CRF "Key data" (e.g.: Primary cause of death, Neurological worsening onset date, ...)
2. Case Report Summary (CRS) or Patient Profile listing all patient data (including external)
3. External (non-CRF) documents (e.g.: ECG, Death Certificate, Hospital Discharge Summary, ...)

## CONSCIOUS - 2

## Aneurismal Subarachnoid Hemorrhage

## Roles (inside Sponsor)

- Coordinator: Actelion responsible for patient cases submission to the CEC, document organization and upload.

- BatchProcess: Automatic jobs loading data, preparing CRS, detecting changes.



## Roles (outside Sponsor)

- Primary Reviewer: The CEC member who makes the primary review of a subject case and completes a CEC Form.

- Consensus Reviewer: The CEC member who leads the consensus meeting and completes the Consensus Form.



## Roles (outside Sponsor)

- Adjudicator: The one who decides when no unanimity could be reached during a consensus meeting and completes the Adjudication Form
- Chairman: Is responsible to indicate whether
 changes occurring after the subject case was submitted should trigger a re-review of the case.





## The Control Panel




## Key Variables Section

In case of Submission

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In case of Re-Submission



## Two-Levels EDC

$1^{\text {st }}$ : Many Data
Sources - One Way data flow

$2^{\text {nd }}$ : On line System fed with data from Level 1 Two Ways data flow


## Conclusion

Online Adjudication System is critical tool to:

- Reduce the time to confirm an event as a study endpoint
- Handle the huge quantity of data involved in the decision process
- Handle the change of data during the process
- Ensure Accuracy, Independency, Homogeneity


## Questions

West Ham United's Carlton Cole fouls Arsenal's Alexandre Song Billong, resulting in a red card - Sonntag 26. Oktober 2008, 19:04 Uhr

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3rd Annual DIA Clinical Forum - Nice 2009 21 October 2009
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