WWARN Informatics

Overview & Roadmap

submitter

data

?

Country: Sudan
Location: Mapel

▼ Study Profile. See details…

196 patients enrolled

90 enrolled for CQ

106 enrolled for SP

9 CQ patients lost to follow up

9 SP patients lost to follow up

▶ Data subject summary - 196 subjects. See details…
▼ Subject age range - 0-4 yrs (median = 2 yrs). See details…

Select age range increment: 1 ▼

CQ
SP

▶ Show in tabular form…
▶ WHO Treatment Outcomes after XX days follow-up. See details…
▼ Adjusted risk of failure chart…

CQ
SP

▼ Unadjusted risk of failure chart…
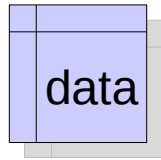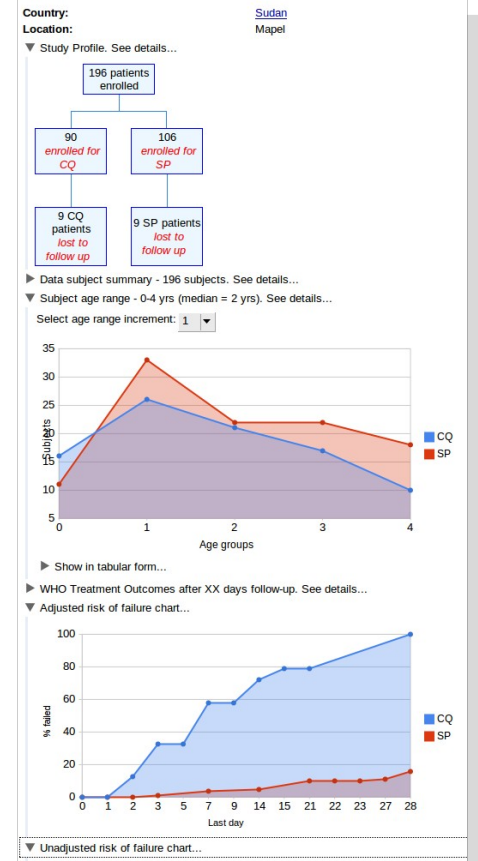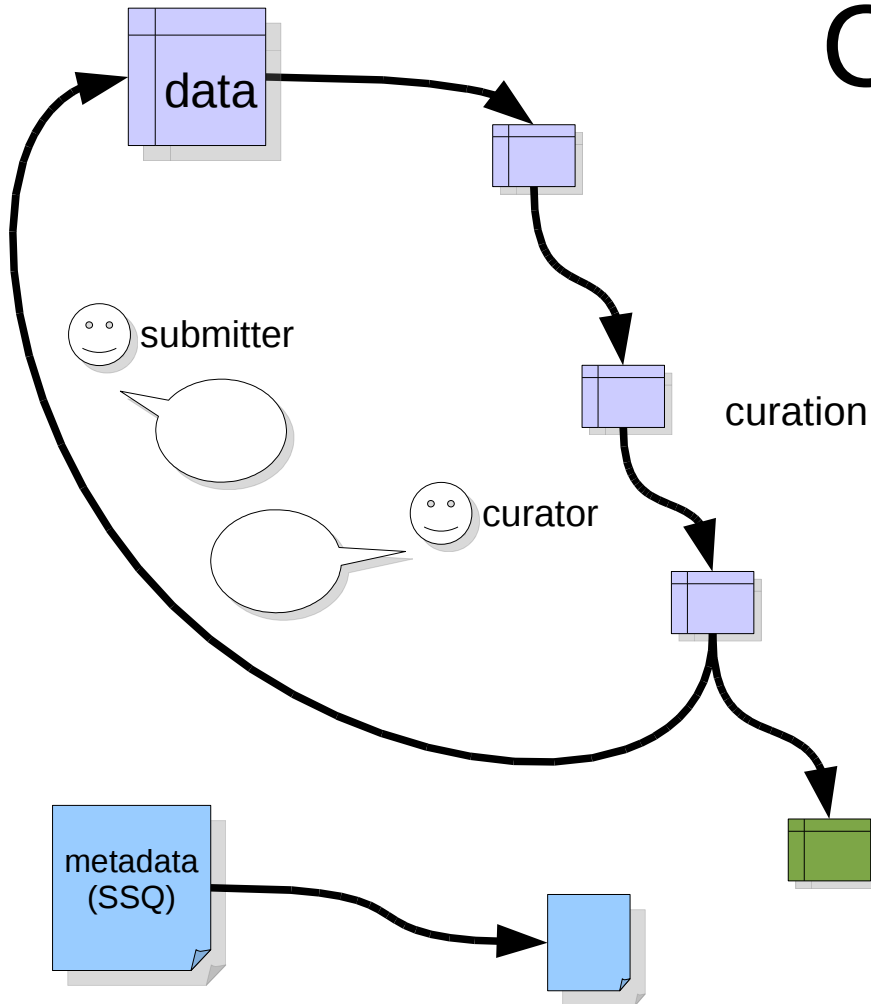
- data could be submitted in any format

- enable submitter to view standard analyses & reports for their study

- enable analysis of data across studies

- need to **curate the data** …

Curation

- standard analyses & reports need standardised data

- curation means, at least, transforming data into standard...

  - e.g., reviewing, renaming, removing, transforming, mapping, ..., variables (data structure)

  - e.g., reviewing, validating, removing, transforming, mapping, calculating, ..., data values (data content)

Chassis/WWARN

The WWARN Application

submission

curation

data

submitter

curator
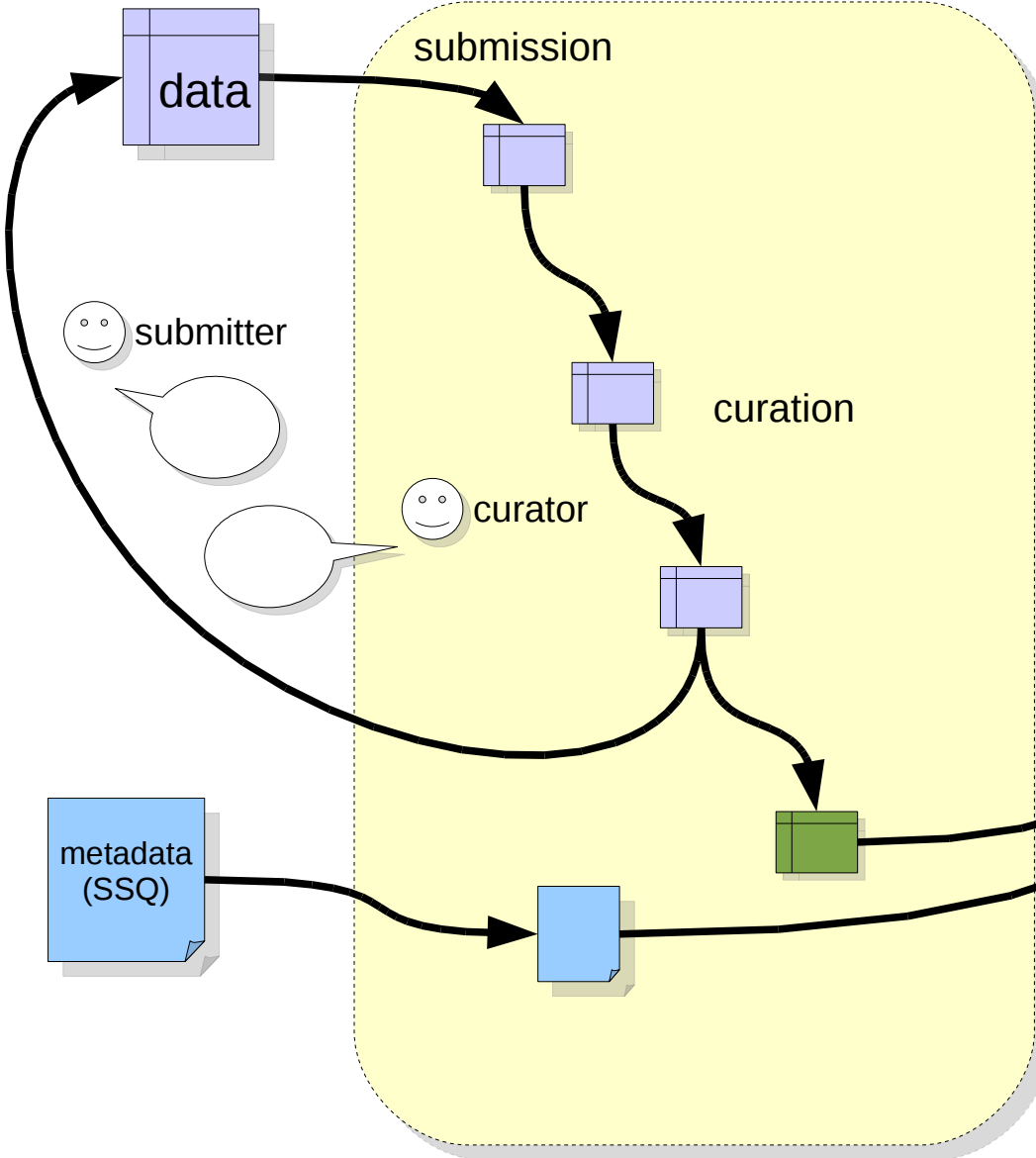
metadata (SSQ)

- system for **data management** = submission + curation of data & metadata
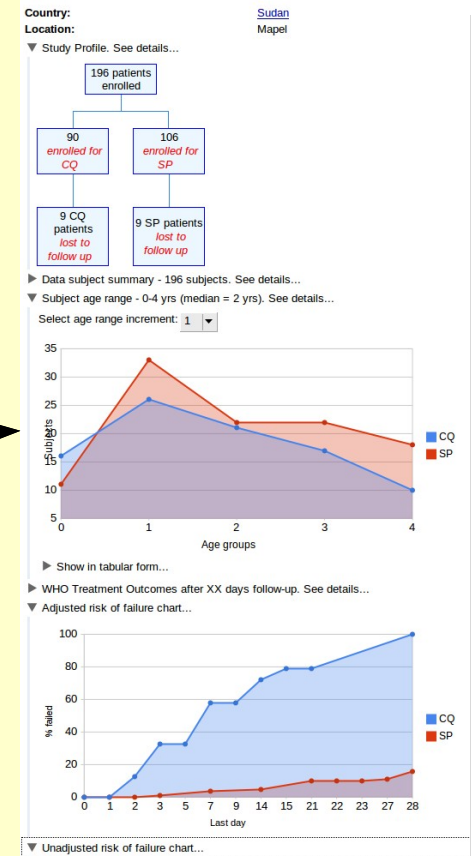
- system for analysing, visualising and reporting curated data

Chassis/WWARN Design Goals

- Used by submitters & curators
- Enables upload of data in any format
- Provides framework for curation
- Captures complete audit trail
- Manage privacy
- Manage quality
- Integrate data across modules (clinical, pk, in vitro, molecular)

The WWARN Application

- Enables visualisation, analysis & reporting for curated data

- Used by submitters

- Used by other researchers, public health officials, ...

- Add value for submitters

- Add value for everyone else

Roadmap

- **Feedback from community is vital (esp. from TAG)**

- Release first production quality version of Chassis/WWARN & The WWARN Application, **ASAP** (ideally early 2010)

- First release - limited functionality

- Add more functionality **incrementally**, in subsequent releases, **based on feedback**