

## Update – SWAN system (5/2012)

- Continues to be supported by Sir Charles Gairdner Hospital (Perth)
- Approx 3000 patient plans now reviewed across approx 30 trials (Australia and New Zealand, **ANZ components of international studies**)
- Currently at planning stage for development of new version
- Some software limitations – supplemented by 3<sup>rd</sup> party software (Focal, Velocity)

# User-group meeting - Feb 2012

## Some outcomes/issues

### Funding

- No consistent model for ongoing funding
  - Grants?
  - Industry sponsorship?
  - Fee-for-service?

## Some outcomes/issues cont'd

Review of multiple image sets (CT/PET/MR, localisation images – CBCT)

- Require already registered image sets (re-sampled, or exported with transformation matrix?)
- Export of data from R&V/Information systems?

Incorporation of naming convention:

- Requirement of exports? (ie., force renaming)
- Renaming in review system

## Some outcomes/issues cont'd

### Integration

- Exchange with other databases (RIS, other RTQA groups, molecular databases)
- Ensure consistent use of UIDs
- Potential for data pooling (cloud computing, access to clinical databases/registries ... ethics?)
- Connectivity to/exchange with 3<sup>rd</sup> party packages (e.g., those implementing anatomical atlases)

## Some outcomes/issues cont'd

Support of dosimetric studies:

- Import of tertiary dose distributions (e.g., from Monte Carlo simulations)
- Incorporation of non-DICOM information

## Some pertinent issues:

- Anonymising DICOM data?
  - What software/tools are groups using to anonymise?
  - What tags are they anonymising?
  - What are they replacing those tags with?
  - Is there a place for an international definition of patient/trial identifiers to replace anonymised values?
- Reporting standards (in publications)