



QATrack+

R. E. Taylor, C. Angers, D. J. La Russa,
R. C. N. Studinski, D. Mason*, B. Clark
The Ottawa Hospital Cancer Centre, Ottawa, ON
*Durham Regional Cancer Centre, Oshawa, ON

A Free and Open Source Tool For Radiotherapy Quality Assurance

About

QATrack+ was developed at The Ottawa Hospital Cancer Centre to help manage the growing complexity of radiotherapy QA programs by: providing a consistent interface for entering QC test results, making data review and trending simple, providing a high level overview of QC test status across all treatment and imaging units and collecting all QC data in a single database. More discussion is available in our article in the Jan 2013 Issue of COMP Interactions.

Features

- Easy to use web based interface
- Online admin pages for configuring tests, test lists and units
- Multiple test types (Numerical, Boolean, Mult. Choice and Composite/Calculated) with integrated procedures via embedded html
- Data charts and statistical process control charts
- Pages for getting a quick overview of current state of your QC program
- Multiple user groups and permissions
- Deployable on Windows, Linux or Mac
- Free & Open Source

Try It Out Online

A QATrack+ demo is available online.

URL: <http://randlet.com/qatrack/>

User / Password: demo / demo

Download It

The source code for QATrack+ can be downloaded from our online source code repository.

URL: <http://qatrackplus.com>

More Information

There are a few channels for getting help and more information about QATrack+:

QATrack+ Wiki: <http://goo.gl/rNlcl>

Google Groups: <http://goo.gl/hFwjv>

Email: rataylor@toh.on.ca

QATrack+ at TOHCC

QATrack+ is being used for all Daily QA and the majority of Monthly QA in our clinic. Here are some stats about QATrack+ at TOHCC:

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|------------------------------|---|
| Live In Clinic | 10 Sep 2012 |
| Users | 120 Therapy/Physics |
| Units | 20 treatment and imaging units over 2 campuses |
| Daily QA | 50 Test Lists Performed on Daily Basis (Therapy) |
| Monthly QA | 150 Test Lists Performed on Monthly Basis (Physics Techs) |
| Performed to Date | 89,000 Tests from 5200 Test Lists Performed |
| Spreadsheets Replaced | > 100 |