

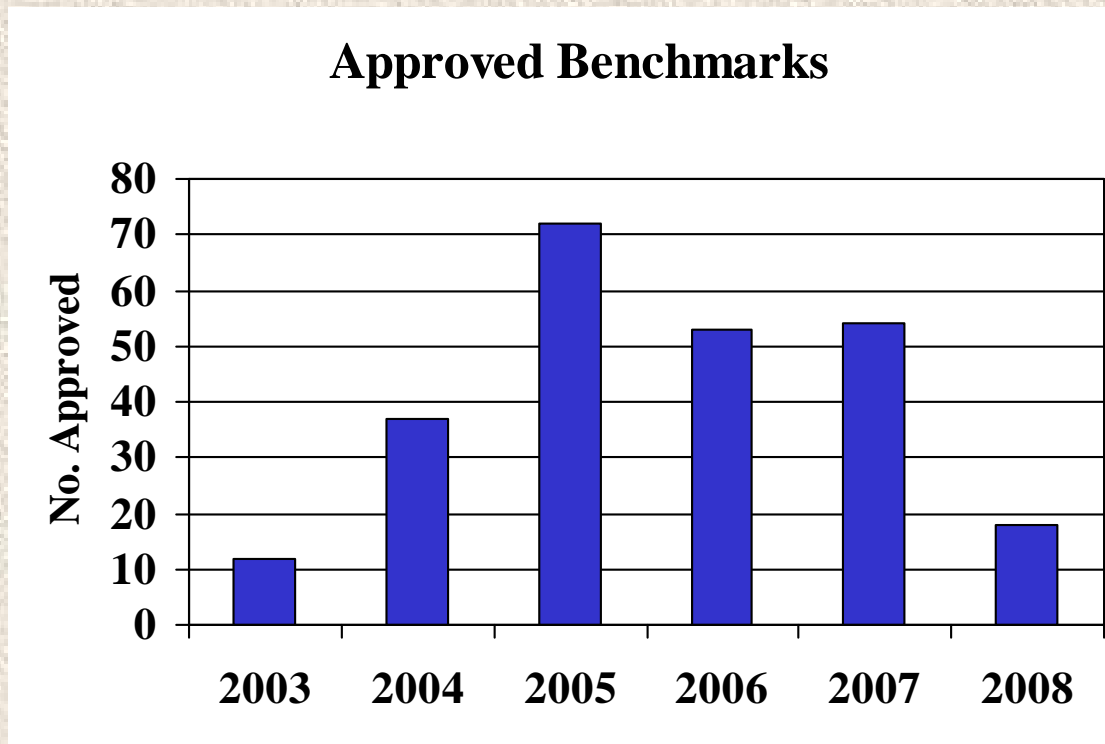
QARC ATC Report

June 2008

ATC 6/19/08

IMRT Benchmark

- 124 QARC Benchmarks approved (June, 2008)
- 130 approved with RPC phantom + Questionnaire
- 161 approved RPC phantom without questionnaire



3D Conformal Benchmark Submission/Approval Summary

- 90 benchmarks submitted
- 83 approved, 4 approved by RPC
- 69 submitted electronically
- Problems: brainstem contour, digital data issues, high dose outside PTV
- All submissions to be shared with RPC for use in RPC site visits

3D CSI and Mantle Benchmarks

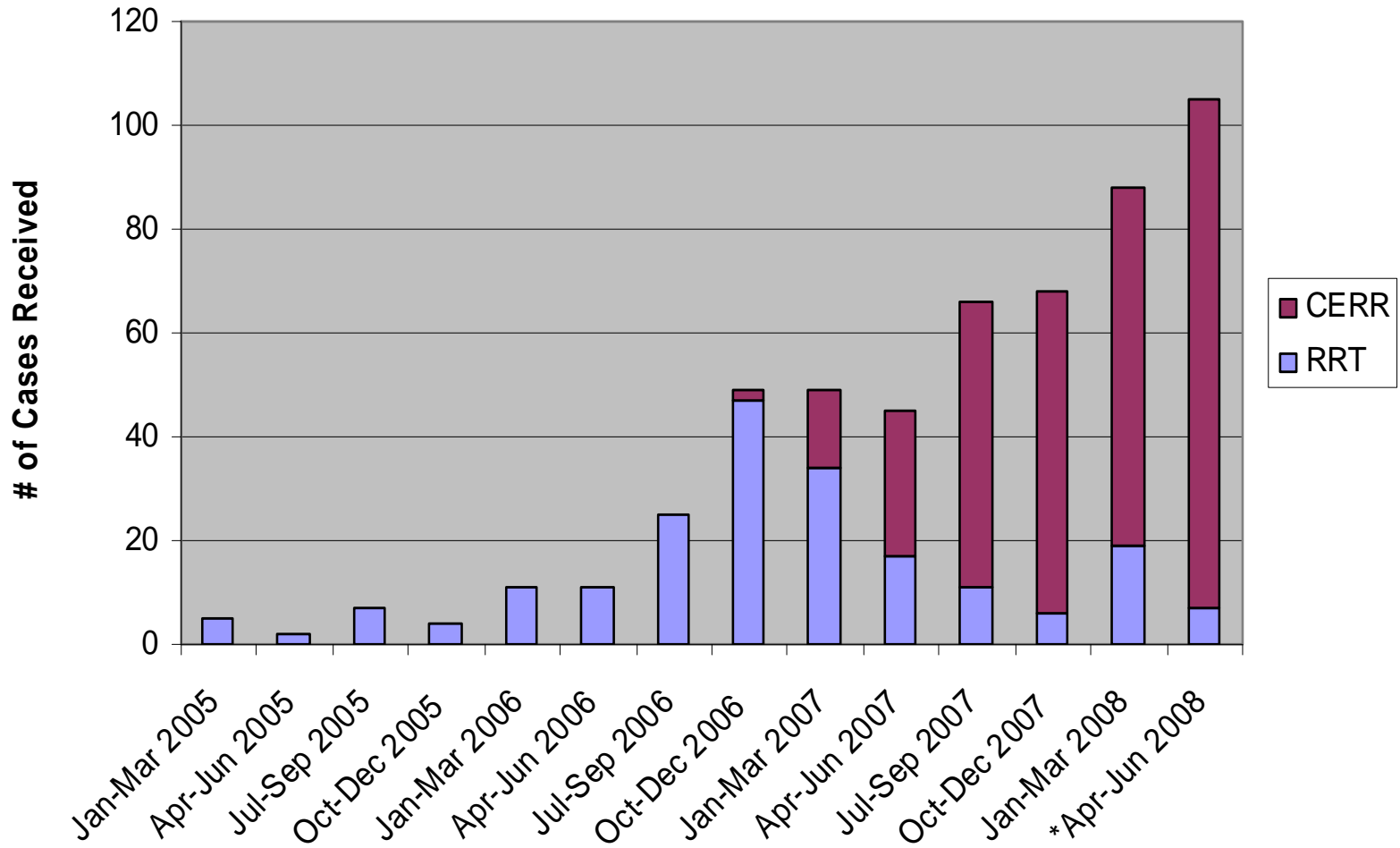
	CSI	Mantle
Approved	10	9
Electronic	8	9

Digital RT Data

Current Accrual (6/13/08)

Protocol	Number of Cases
ACNS0121	46
ACNS0126	5
ACNS0331	50
ACOSOG Z4032	24
CALGB 80101	18
miscellaneous studies	392
Total of 535 cases from more than 100 institutions and more than 50 studies	

QARC Digital RT Data



Use of CERR at QARC

- More than 300 protocol cases and 140 benchmark cases have been imported into CERR.
- Studies from 13 planning systems have been successfully imported into CERR.
- QARC staff are now able to access CERR remotely by connecting to a terminal server through a web browser (network concurrent license is required for Matlab).

MAX (QARC's database)

Potential usefulness for others

Walter Bosch and Ashish Sharma (OSU) visit to QARC

Protons and NCI

Revised and expanded proton questionnaire developed
with J. Deye and M. Gillin

Completed proton therapy questionnaires received and
approved from

MDA

MGH

LLUMC

UFL

ATC 6/19/08

VIEW Aims

- Develop a standardized approach to credentialing facilities that perform imaging exams according to the VIEW standards.
 - Assist clinical trial organizations in the development of an imaging charter that is acceptable to the trial sponsors and FDA.
 - Advance the science of imaging biomarker development: explore alternative imaging analysis, alternative imaging approaches, and establish databases that can be mined for testing new approaches.
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- First VIEW meeting to be held June 26th in Chicago
- First Cooperative Group Protocol to utilize VIEW services will be N0723 an advanced NSCLC study requiring collection of baseline and follow-up imaging.
- QARC and ACRIN will provide the collection, QA and archiving for that study.

caBIG

- Dr. FitzGerald participates as an adoption advocate for the InVivo Imaging Workspace.
 - Weekly phone calls
 - MAX cache project
 - This will allow QARC to push data to a remote site (to a reviewer's MAX cache) using grid enabled web services.