

NCIC Report on the Use of ATC Method 3 and Plans for Implementing Method 2B

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Overview

- MA.20 & Method 3
 - Accrual
 - Credentialing
 - Goals & Status from last 6 months
- Method 2B
 - Goals & Status from last 6 months
- Summary and Conclusions
- Questions



Total Accrual from 1999-Dec-14 to 2006-Jan-18

Centre	Hospital	Total Accrual
CAMN	Toronto Sunnybrook Regional Cancer Centre	195
CALM	Juravinski Cancer Centre at Hamilton Health Sciences	144
CAGH	CHUS - Hopital Fleurimont	143
AUXT	Trans-Tasman Radiation Oncology Group	124
CAMP	Univ. Health Network-Princess Margaret Hospital	114
CAGQ	CHUQ-Pavillon Hotel-Dieu de Quebec	91
CAHN	CHUM - Hopital Notre-Dame	91
CATW	Cross Cancer Institute	80
USXU	Cancer Trials Support Unit	79
CAVV	BCCA - Vancouver Island Cancer Centre	70
CANL	London Regional Cancer Centre	62
CATC	Tom Baker Cancer Centre	48
CAVA	BCCA - Vancouver Cancer Centre	39
CABN	QEII Centre for Clinical Research	34
CAHC	McGill University - Dept. Oncology	31
CAKO	Ottawa Health Research Institute - General Division	31
CAPT	Thunder Bay Regional Health Sciences Centre	26
CAPN	Northeastern Ontario Regional Cancer Centre	24
CARM	CancerCare Manitoba	19
CAVF	BC Cancer Agency - Fraser Valley Centre	19
CAER	Dr. Leon Richard Oncology Centre	17
CASS	Saskatoon Cancer Centre	9
CALC	Niagara Health System	8
CANG	Grand River Regional Cancer Centre	7
CAAJ	Dr. H. Bliss Murphy Cancer Centre	6
CAEJ	Atlantic Health Sciences Corporation	4
CAGS	CHA-Hopital Du St-Sacrement	0
CASA	Allan Blair Cancer Centre	0

TOTAL: 1515

Credentialed Centres & Activity

Tracking of Credentialed MA.20 Centres Who Are Now Submitting Radiotherapy Reviews Electronically

MA.20 Centre	Date Credentialed	Patient ID	Date of 4RTA Submission	Date of 4RRC Submission	Date of First Fraction	Date of Last Fraction	Electronically Submitted	Submission Type
QEI Centre for Clinical Research	2006JAN11	CABN0029	2005OCT11	2005OCT17			Y	DRYRUN
Juravinski Cancer Centre at Hamilton Health Sciences	2005MAY04	CALM0123	2005APR21	2005MAY05	2005MAR07	2005APR13	Y	FINAL
		CALM0124	2005MAY06	2005MAY19	2005MAR29	2005MAY02	Y	FINAL
		CALM0125	2005MAR29	2005MAY04	2005FEB21	2005MAR29	Y	FINAL
		CALM0126	2005APR07	2005MAY11	2005FEB28	2005APR05	Y	FINAL
		CALM0127	2005MAY06	2005MAY19	2005MAR29	2005MAY02	Y	FINAL
		CALM0128	2005JUL06	2005JUL14	2005MAY18	2005JUN22	Y	FINAL
		CALM0129	2005MAY19	2005JUN02	2005APR06	2005MAY11	Y	FINAL
		CALM0130	2005JUL06	2005JUL21	2005APR04	2005APR22	Y	FINAL
		CALM0131	2005JUL27	2005AUG09	2005JUN20	2005JUL26	Y	FINAL
		CALM0132	2005AUG31	2005SEP09	2005JUL11	2005AUG16	Y	FINAL
		CALM0133	2005JUL27	2005AUG09	2005JUN20	2005JUL25	Y	FINAL
		CALM0134	2005SEP01	2005NOV10	2005SEP19	2005OCT27	Y	FINAL
		CALM0135	2005OCT13	2005OCT27	2005AUG23	2005SEP27	Y	FINAL
		CALM0136	2005SEP01	2005OCT27	2005AUG24	2005SEP26	Y	FINAL
		CALM0137	2005SEP01	2005OCT27	2005AUG29	2005OCT03	Y	FINAL
		CALM0138	2005SEP01	2005OCT27	2005AUG15	2005SEP19	Y	FINAL
Univ. Health Network-Princess Margaret Hospital	2005AUG18	CAMP0099	2005JUN06	2005SEP27				FINAL
		CAMP0100	2005JUN20	2005SEP27				FINAL
		CAMP0101	2005JUL11	2005SEP27				FINAL
		CAMP0102	2005SEP06	2005SEP27			Y	DRYRUN
		CAMP0102	2005SEP06	2005SEP27				FINAL
		CAMP0103	2005SEP06	2005SEP27				FINAL
		CAMP0104	2005SEP16	2005OCT20				FINAL
		CAMP0105	2005SEP06	2005SEP27				FINAL
		CAMP0106	2005SEP16	2005OCT20				FINAL
		CAMP0107	2005SEP16	2005OCT20				FINAL
		CAMP0108	2005SEP16	2005OCT20				FINAL
Thunder Bay Regional Health Sciences Centre	2005OCT31	CAPT0024	2005OCT04	2005OCT07			Y	DRYRUN
		CAPT0026	2005NOV14	2005NOV16			Y	RTR
Saskatoon Cancer Centre	2005OCT08	CASS0005	2004JUN23	2004JUN24	2004JUN29	2004AUG04	Y	DRYRUN
Tom Baker Cancer Centre	2005MAY13	CATC0039	2005JUN27	2005JUL14	2005JAN10	2005FEB04	N	FINAL
		CATC0043	2005MAY20	2005JUN02	2005APR13	2005MAY17	N	FINAL
		CATC0043	2005MAY20	2005JUN02	2005APR13	2005MAY17	Y	DRYRUN
		CATC0044	2005AUG03	2005AUG08	2005JUN20	2005JUL25	N	FINAL
		CATC0045	2005SEP19	2005SEP22	2005JUL12	2005AUG17	N	FINAL
		CATC0046	2005OCT07	2005OCT20	2005AUG29	2005OCT03	N	FINAL
		CATC0047		2005DEC09	2005OCT20	2005NOV24		
Cross Cancer Institute	2006JAN09	CATW0035	2003NOV07	2003NOV18	2003SEP17	2003OCT27	Y	DRYRUN

MA.20 Centre	Date Credentialed	Patient ID	Date of 4RTA Submission	Date of 4RRC Submission	Date of First Fraction	Date of Last Fraction	Electronically Submitted	Submission Type
BCCA - Vancouver Island Cancer Centre	2005MAY24	CAVV0022	2002MAR04	2002MAR09	2002MAR11	2002APR16	Y	DRYRUN
		CAVV0060	2005MAY25	2005JUN16	2005MAR18	2005APR25	N	FINAL
		CAVV0061	2005MAY24	2005JUN16	2005MAR23	2005APR27	Y	FINAL
		CAVV0062	2005MAY24	2005JUN30			Y	FINAL
		CAVV0063	2005AUG05	2005AUG18	2005MAY10	2005JUN14	Y	FINAL
		CAVV0064	2005AUG09	2005AUG17	2005MAY19	2005JUN23	Y	FINAL
		CAVV0066	2005AUG25	2005SEP28	2005JUN27	2005AUG04	Y	FINAL
		CAVV0067	2005SEP26	2005OCT06	2005JUL22	2005AUG26	Y	FINAL
		CAVV0068	2005DEC13	2005DEC20	2005OCT17	2005NOV21		FINAL

- Juravinski Cancer Centre, Hamilton, ON
- Tom Baker Cancer Centre, Calgary, AB
- Vancouver Island Cancer Centre, Victoria, BC
- University Health Network – Princess Margaret Hospital, Toronto, ON
- Saskatoon Cancer Centre, Saskatoon, SK
- Thunder Bay Regional Health Sciences Centre, Thunder Bay, ON
- Cross Cancer Institute, Edmonton, AB
- Nova Scotia Cancer Centre, Halifax, NS

MA.20 Accrual to January 18, 2006

- Total Accrual Required: 1787
- To date: 1515
 - NCI C/Canadian: 1312
 - CTSU: 79
 - TROG (AUXT): 124
- ~30 patients per month,
272 accruals remaining,
~9 months left
- 28 participating 'centres',
8 credentialed for electronic submission



Progress (21-Jun-2005 to 17-Jan-2006)

- 3+ Dry Runs in progress
 - Toronto Sunnybrook Regional Cancer Centre, Toronto, ON
 - Vancouver Cancer Centre, Vancouver, BC
 - Grand River Regional Cancer Centre, ON
 - Peter MacCullum Cancer Centre (TROG) ?
- Meetings:
 - weekly ROQAC MA.20
 - semi-annually NCIC CTG
 - occasional conference calls with RCET & ATC
- Installation of NCIC CTG Developmental Server completely independent from Production Server



Progress con't (21-Jun-2005 to 17-Jan-2006)

- Establish Standard Operating Procedures (SOPs)
 - New user registration and privilege assignment for production and test systems
 - Password Aging
 - Installation procedure for RCET software and required source code and software packages
 - Moving test server into production
 - Needed:
 - Bug reporting and resolution
- 21CFR Part 11 testing and compliance



MA.20 Goals (July to December, 2005)

Goal	Status
Encourage rapid & final reviews for credentialed institutions	<ul style="list-style-type: none">• Rapid reviews: 1• Final reviews: 22 + 11?
Educate submitting institutions <ul style="list-style-type: none">• Assistance with credentialing	<ul style="list-style-type: none">• 3 hr MA.20 Workshop 22-Oct-05 Montreal, attended by Jatinder and Vincent• CARO poster, Sep-05
Credential more institutions <ul style="list-style-type: none">• Canadian institutions• I identify top accruing centres to MA.20 from the US• Australia	<ul style="list-style-type: none">• focusing on Canadian centres (increased from 3 to 8)
Develop distributed and redundant personnel infrastructure to review technical and clinical dry runs	<ul style="list-style-type: none">• 4 Volunteer Dry Run Technical reviewers• Reviewing centres performing Dry Run Clinical review



ROQAC Goals (July to December, 2005)

Goal	Status
Pilot Project to re-evaluate submission of Dicom-RT and RTOG data objects to NCIC CTG Data Warehouse (Method 2B)	3D Pilot Project teleconference 29-Sep-2005 Waiting for installation of NetSys v 4.0
Develop QA goals for NCIC CTG for next 5 years (e.g. 'Vision Statement')	Being circulated to CTG Executive
Establish guidelines to access NCIC CTG Data Warehouse for non-NCIC sponsored trials	In progress
Grant application with ATC/RCET to provide continued support and development of infrastructure & operating procedures (hardware, software, personnel) at NCIC CTG	In progress (slowly)



Method 2B Development Task	Who	Jun-05 Timeline	Status
Select NCIC CTG protocol to test Method 2B	ROQAC & PIs	Now	• done: ABPI
Develop QA Process <ul style="list-style-type: none"> • QA requirements, tool specification • Personnel: Physics & dosimetry 	ROQAC & protocol PIs	Now	• in progress
Preliminary <ul style="list-style-type: none"> • Install latest version of WebSys & NetSys • Develop general users manual 	RCET & NCIC CTG ROQAC	Aug-Sep05	• in progress • waiting
Develop NCIC CTG Credentialing Process <ul style="list-style-type: none"> • Dry Run, phantom?, technical, clinical review 	ROQAC (with support of ATC)	Ongoing	• action needed (ala MA.20)
Pilot Study <ul style="list-style-type: none"> • Identify 'test' centres • Perform study for specific protocol with defined QA requirements 	Ask for volunteers ROQAC NCIC CTG	Oct/Nov-Dec05	• Victoria, Edmonton, Hamilton • on hold for NetSys v4.0
Estimate costs & identify funding sources (core support, protocol specific)	NCIC CTG RCET	???	• action needed
Identify & Fix problems <ul style="list-style-type: none"> • RCET? Kingston? 	Digital Data sub-committee, RCET, NCIC CTG	Oct05 to Feb06	• on hold for NetSys v4.0



Summary and Conclusions

- NCI C CTG data warehouse is being used clinically for MA.20 rapid real-time and final review
- Pilot Project will evaluate Method 2B for the NCI C CTG APBI protocol
- Collaborative Grant application between NCI C CTG & ATC/RCET to assist with development and clinical support of NCI C CTG Data Warehouse



Questions

- How will new and old database formats be merged ? E.g. How will MA.20 data be merged into new database structure ? Is this an RCET concern ?
- Old Questions
 - How are software changes made to RCET software in Kingston, Gainesville, and St Louis merged ?
- ???

