All. 5

ASLCagliari

71
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COMMISSIONE ESAMINATRICE
DEL CONCORSO PUBBLICO, PER TITOLI ED ESAMI, PER LA COPERTURA DI N. 3 POSTI DI **DIRIGENTE MEDICO** NELLA DISCIPLINA DI **RADIOTERAPIA**

VERBALE N. 5

Relativo ai lavori del giorno 11/12//2013

Il giorno 11 del mese di Dicembre 2013, alle ore 08.00 nei locali della sede della ASL di Cagliari, Via Piero della Francesca, 1 09047 Selargius-Cagliari si è riunita la Commissione esaminatrice del concorso pubblico, per titoli ed esami, per la copertura di n. 3 posti di Dirigente Medico nella disciplina di Radioterapia, indetto dalla ASL di Cagliari con deliberazione n. 671 del 18/04/2013 per procedere con l'espletamento della prova pratica.

Detta commissione esaminatrice, nominata con deliberazioni n. 1682 del 20/09/2013 :

Presidente	Dott.	Giancarlo Lay
Componente	Dott.	Mauro Palazzi
Componente	Dott.	Andrea Scapati
Segretaria	Sig.ra	Benedetta Fara

LA COMMISSIONE

Riconosciuta la legalità della sua costituzione, la quale è conforme alla citata deliberazione,

PRENDE ATTO

Dei Verbali n. 1, 2 , 3, 4/2013.

STABILISCE

Di dare corso all'espletamento dei lavori fissati per la presente seduta.

A tal fine la commissione individua tre distinti argomenti che, per modalità di esecuzione e contenuto comportino uguale impegno tecnico per tutti i candidati; viene messo a disposizione dei candidati il materiale necessario per l'espletamento della prova dando altresì atto che il tempo concesso per l'espletamento della prova è di 40 minuti.

bep-1

Ciascuna prova (denominata rispettivamente n. 1, 2, e 3), consisterà nell'esposizione di un caso clinico corredato di esami strumentali e radiologici.

Viene consentito l'accesso ai candidati, previa identificazione effettuata dal segretario, coadiuvato dai componenti il comitato di vigilanza, Sig.ra Usai Silvana, nei locali sede della prova pratica. Risultano presenti tutti i 14 candidati convocati così come si evince dal foglio identificativo allegato al presente verbale per farne parte integrante.

Tutto ciò premesso si invitano i candidati a designare tre rappresentanti per la scelta di una delle tre buste contenenti la prova che dovrà essere svolta; partecipano all'estrazione i dottori, Stefania Marogna, Federica Vigo e Valentina Picciau; effettua l'estrazione la Dott.ssa Marogna, la quale, senza che alcuno dei candidati sollevi eccezione, procede ad estrarre una delle 3 buste, sulla quale è annotata la scritta "Prova estratta". Sarà consentita la visione della stessa solo al momento in cui avrà inizio la prova.

Si procede quindi all'apertura delle 2 buste non estratte che contengono rispettivamente le prove n. 1 e n. 2 e si comunica il contenuto delle stesse. La prova estratta risulta pertanto essere la n. 3.

I candidati che hanno effettuato l'estrazione nonché la Commissione, hanno provveduto a firmare la documentazione relativa alla prova estratta, nonché la documentazione relativa alle prove non estratte.

I candidati presenti a sostenere la prova risultano pertanto n. 14.

Terminate dette operazioni la Commissione predispone il materiale necessario per lo svolgimento della prova da consegnare ai candidati: in particolare, a ciascuno di essi, viene consegnata la fotocopia della prova estratta composta da dodici fogli, ed un foglio protocollo timbrato e firmato da un componente la commissione, sul quale i candidati dovranno apporre il loro cognome e nome ed esporre la prova.

Durante detta fase di preparazione vengono comunicate ai candidati le modalità previste per lo svolgimento della prova e gli adempimenti ai quali devono uniformarsi per il regolare espletamento della stessa.

Ai candidati è vietato in qualsiasi modo comunicare tra loro verbalmente o per iscritto e mettersi in relazione con altri, salvo che con i membri della commissione esaminatrice, per motivi attinenti alle modalità di svolgimento della prova; è altresì vietato consultare appunti, manoscritti o libri di testo, comunicare mediante telefoni cellulari.

Infine il segretario, accertatosi che tutti i candidati nel frattempo siano entrati in possesso di quanto necessario per l'espletamento della prova, alle h.10.15 da inizio alla stessa, pertanto il termine di consegna andrà a scadere alle h.10.55

La prova prosegue, sino alla conclusione, senza alcun fatto di rilievo.

Durante lo svolgimento della prova sono sempre presenti nell'aula riservata alla commissione i componenti della stessa nonché il segretario.

Terminata la prova ciascuno consegna al segretario coadiuvato dal componente il comitato di vigilanza il proprio elaborato e copia della prova; il segretario verifica la corrispondenza del numero delle prove con il numero dei candidati presenti.

La commissione stabilisce di procedere nelle operazioni relative alla valutazione della prova pratica.

La valutazione di ciascuna prova viene effettuata secondo i criteri di valutazione stabiliti nel proprio verbale n. 1/2013.

Si da inizio alla valutazione dei compiti dando lettura di ciascuna prova e attribuendo, al termine della stessa, a ciascun elaborato il punteggio relativo espresso in trentesimi.

Il risultato complessivo delle operazioni di correzione materiale fin qui effettuate è quello riportato nella Tabella "A" (Esiti prova pratica) allegata al presente verbale per farne parte integrale, dando atto che il superamento della stessa è subordinato al raggiungimento di una valutazione di sufficienza, espressa in termini numerici di almeno 21/30.

Degli esiti della predetta prova pratica la commissione stabilisce di darne pubblica comunicazione mediante affissione dell'elenco nominativo dei candidati presenti alla prova congiuntamente al voto da ciascuno di essi riportato, nei locali di cui alla presente seduta; il Presidente emana al riguardo tutte le opportune disposizioni per una celere attivazione delle procedure di pubblicazione.

In virtù del voto riportato risultano pertanto ammessi a sostenere la successiva prova orale, così come si evince dall'allegata Tabella "A", i n. 11 candidati che hanno riportato un punteggio non inferiore a 21/30.

La commissione stabilisce di aggiornare i lavori alle ore 08.00 del 12/12/2013 presso i medesimi locali per l'espletamento della prova orale.

Letto, approvato e sottoscritto.

LA COMMISSIONE

Presidente	Dott.	Giancarlo Lay	
Componente	Dott.	Mauro Palazzi	
Componente	Dott.	Andrea Scapati	
Segretaria	Sig.ra	Benedetta Fara	

CONCORSO PUBBLICO PER TITOLI ED ESAMI PER LA COPERTURA
DI N. 3 POSTI DI DIRIGENTE MEDICO
DI RADIOTERAPIA

IDENTIFICAZIONE PROVA PRATICA 11/12/2013

N.	COGNOME	NOME	DATA NASCITA	IDENTIFICAZIONE
1	CARAI	ALESSANDRO M.	14/11/1971	C.I. N. 0647054AA SASSARI
2	CARAVATTA	LUCIANA	29/11/1976	C.I. N. AG 6847553 TERMOLI
3	ESPOSITO	IRMA	03/11/1972	C.I. N. AO 5321654 CAGLIARI
4	FARDELLA	CATERINA	17/07/1981	C.I. N. AO 7240640 LONGANO
5	FERSINO	SERGIO	31/07/1980	C.I. N. AO 6262042 CASTRIGNANO DEL CAPO
6	GIAMMARINO	DANIELA	17/12/1971	C.I. N. AS 2234202 ROMA
7	MAROGNA	STEFANIA	04/01/1964	C.I. N. AN 6123052 TORINO
8	NAITANA	ALESSANDRA	03/05/1981	C.I. N. 133359AA1 SASSARI
9	PICCIAU	VALENTINA	04/06/1975	C.I. N. AS 3116721 MONSERRATO
10	PIRAS	DENISE	22/07/1980	PASS. N. AA0504990 CAGLIARI
11	PITTAU	PIERLUIGI	06/05/1974	C.I. N. AO 0419274 VILLACIDRO
12	SCHIRRA	VALERIA	14/10/1973	C.I. N. AU 0233284 CAGLIARI
13	VARRASSI	EMILIA	15/03/1983	PAT. AQ 5057305X L'AQUILA
14	VIGO	FEDERICA	01/08/1979	C.I. N. AS 3155665 CALASETTA

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CONCORSO PUBBLICO, PER TITOLI ED ESAMI, PER LA COPERTURA DI N. 3 POSTI DI DIRIGENTE MEDICO NELLA DISCIPLINA DI RADIOTERAPIA

PROVA PRATICA N. 1

PIANO DI CURA TESTA E COLLO

DISCUSSIONE DELLA DOCUMENTAZIONE CARTACEA IN VISIONE

PROVA PRATICA NON ESTRATTA

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Patient Name:		Date/Time:	Mon Dec 9 11:36:16 2013
Patient ID:	20120435	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial_1	Physician/Physicist:	
Revision:	**R01.P01.D01**	Planner:	
Lock Status:	**Not Locked**		

Plan Summary Sheet

Beam Setup

Beam	Machine	Energy	Modality	Prescription	Isocenter	SSD (cm) Start / Avg	MU Per Fraction
G0	ONCOR1NU	6MV	Photons	SEDE ORL	ISO	93.22 / 93.22	**107**
G55	ONCOR1NU	6MV	Photons	SEDE ORL	ISO	95.29 / 95.29	**132**
G110	ONCOR1NU	6MV	Photons	SEDE ORL	ISO	93.36 / 93.36	**161**
G165	ONCOR1NU	6MV	Photons	SEDE ORL	ISO	81.66 / 81.66	**220**
G195	ONCOR1NU	6MV	Photons	SEDE ORL	ISO	81.66 / 81.66	**216**
G250	ONCOR1NU	6MV	Photons	SEDE ORL	ISO	92.30 / 92.30	**147**
G305	ONCOR1NU	6MV	Photons	SEDE ORL	ISO	94.26 / 94.26	**174**
PV0	ONCOR1NU	6MV	Photons	PV0	ISO	93.22 / 93.22	**1**
PV90	ONCOR1NU	6MV	Photons	PV90	ISO	94.51 / 94.51	**1**

Beam	Collimators (cm) (Control Pt 1) Y2	Y1	X2	X1	Gantry Start / Stop	Couch	Coll	Block	Wedge	Bolus	Comp
G0	10.80	10.90	12.00	12.10	0.0 / 0.0	0.0	0.0	MLC	None	No	No
G55	10.90	10.90	13.20	8.30	55.0 / 55.0	0.0	0.0	MLC	None	No	No
G110	10.90	10.90	11.90	8.00	110.0/110.0	0.0	0.0	MLC	None	No	No
G165	10.90	10.90	13.40	11.50	165.0/165.0	0.0	0.0	MLC	None	No	No
G195	10.90	10.90	11.90	13.60	195.0/195.0	0.0	0.0	MLC	None	No	No
G250	11.10	11.00	8.40	11.60	250.0/250.0	0.0	0.0	MLC	None	No	No
G305	11.00	11.00	7.80	13.00	305.0/305.0	0.0	0.0	MLC	None	No	No
PV0	10.00	10.00	10.00	10.00	0.0 / 0.0	0.0	0.0	No	None	No	No
PV90	10.00	10.00	10.00	10.00	90.0 / 90.0	0.0	0.0	No	None	No	No

Prescriptions

Total Monitor Units set to 1158 per fraction for 30 fractions.
7 beams are assigned to this prescription.

PV0

Total Monitor Units set to 1 per fraction for 18 fractions.
1 beam is assigned to this prescription.

PV90

Total Monitor Units set to 1 per fraction for 18 fractions.
1 beam is assigned to this prescription.

Plan Authorization: _____

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Patient Name:		Date/Time:	Mon Dec 9 11:36:16 2013
Patient ID:	20120435	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial_1	Physician/Physicist:	
Revision:	**R01.P01.D01**	Planner:	
Lock Status:	**Not Locked**		

Plan Summary Sheet Continued

Isocenter

ISO

Position patient such that lasers line up with patient marks.
Move the table LEFT 0.00 cm (looking from foot of table.)
Move the table DOWN 6.00 cm.
Move the table IN (toward the gantry) 4.50 cm.

Plan Authorization: _____

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Patient Name:		Date/Time:	Mon Dec 9 11:36:16 2013
Patient ID:	20120435	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial_1	Physician/Physicist:	
Revision:	**R01.P01.D01**	Planner:	
Lock Status:	**Not Locked**		

Plan Setup

Data Set Name:	
Data Set Dimensions:	166 slices, 512 x 512 pixels
CT to Density Table Name:	*CTNU_120 kV_HD*
Patient Position:	On back (supine) Head First
Couch:	Removed at Y = -80.22
Body Board Angle:	None
Number of Photon Beams:	9
Number of Stereo Beams:	0
Number of Electron Beams:	0
Number of Brachy Sources:	0
Outside-Patient Air Threshold:	0.60 g/cm^3

Dose Grid Geometry

	Lateral	Ant-Post	Sup-Inf	Units
Resolution	0.400	0.400	0.400	cm
Dimension	124	75	95	Pixels
Origin	-24.493	-78.845	43.695	cm

Top Slice of CT Extended:	0.00 cm
Bottom Slice of CT Extended:	0.00 cm

Region of Interest Density Overrides:

ROI	Density
(no ROI density overrides in use)	

Plan Authorization: _____

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All. 5

Patient Name:		Date/Time:	Mon Dec 9 11:36:16 2013
Patient ID:	20120455	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial_1	Physician/Physicist:	
Revision:	**R01.P01.D01**	Planner:	
Lock Status:	**Not Locked**		

	G0	*G55*	*G110*
Beam Setup			
Machine Name	*ONCORINU*	*ONCORINU*	*ONCORINU*
Machine Version	2010-03-12 14:59:59	2010-03-12 14:59:59	2010-03-12 14:59:59
Energy / Modality	6MV Photons	6MV Photons	6MV Photons
SAD (cm)	100.0	100.0	100.0
Prescription	SEDE ORL	SEDE ORL	SEDE ORL
Isocenter	ISO	ISO	ISO
Beam Geometry			
Couch Angle	0.0	0.0	0.0
Gantry Angle	0.0	55.0	110.0
Collimator Angle	0.0	0.0	0.0
SSD (cm)	93.22	95.29	93.36
SSD With Bolus (cm)	--	--	--
Collimators (cm) (Control Pt 1)			
Y2	10.80	10.90	10.90
Y1	10.90	10.90	10.90
X2	12.00	13.20	11.90
X1	12.10	8.30	8.00
Y	21.70	21.80	21.80
XMLC	24.10	21.50	19.90
Modifiers			
Wedge Name	None	None	None
Wedge Orientation	--	--	--
Wedge Angle	None	None	None
Blocked/Tray #/MLC(#CP's)	Yes/MLC (9)	Yes/MLC (10)	Yes/MLC (12)
Bolus	None	None	None
Compensator	None	None	None
Opening Density Matrix	None	None	None
Dose			
Dose Engine	Adaptive Convolve	Adaptive Convolve	Adaptive Convolve
Model	All Field Sizes	All Field Sizes	All Field Sizes
Density Correction	Heterogeneous	Heterogeneous	Heterogeneous
Relative Weight (%)	9.20	11.44	13.93
Reference Point	*ISO*	*ISO*	*ISO*
Normalized Dose (ND) at Ref Pt	0.178	0.316	0.188
Collimator Output Factor (OFc)(Last CP)	1.012	1.000	0.984
MLC Transmission Factor (Last CP)	0.00203126	0.00203126	0.00203126
Total Transmission Factor (TTF)	1.000	1.000	1.000
SPD/OAD (cm)	100.00 / 0.00	100.00 / 0.00	100.00 / 0.00
SSD to Ref Pt (cm)	93.22	95.29	93.36
Ref Pt Depth / Eff Depth (cm)	6.78 / 6.66	4.71 / 4.86	6.64 / 7.01
Unblk Equiv Sq (cm / %Blkd)(Last CP)	21.3 / 51.6%	19.3 / 51.8%	17.7 / 62.8%
Meas Ref Point Dose (Gy/MU)	--	--	--
Dose at Ref/Fraction (Gy)	0.2	0.3	0.2
Number of Fractions	**30**	**30**	**30**
MU/Fraction	**107**	**132**	**161**

Plan Authorization: _____

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Acc. 5

Patient Name:		Date/Time:	Mon Dec 9 11:36:16 2013
Patient ID:	20120435	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial_1	Physician/Physicist:	
Revision:	**R01.P01.D01**	Planner:	
Lock Status:	**Not Locked**		

	G165	*G195*	*G250*
Beam Setup			
Machine Name	*ONCORINU*	*ONCORINU*	*ONCORINU*
Machine Version	2010-03-12 14:59:59	2010-03-12 14:59:59	2010-03-12 14:59:59
Energy / Modality	6MV Photons	6MV Photons	6MV Photons
SAD (cm)	100.0	100.0	100.0
Prescription	SEDE ORL	SEDE ORL	SEDE ORL
Isocenter	ISO	ISO	ISO
Beam Geometry			
Couch Angle	0.0	0.0	0.0
Gantry Angle	165.0	195.0	250.0
Collimator Angle	0.0	0.0	0.0
SSD (cm)	81.66	81.66	92.30
SSD With Bolus (cm)	--	--	--
Collimators (cm) (Control Pt 1)			
Y2	10.90	10.90	11.10
Y1	10.90	10.90	11.00
X2	13.40	11.90	8.40
X1	11.50	13.60	11.60
Y	21.80	21.80	22.10
XMLC	24.90	25.50	20.00
Modifiers			
Wedge Name	None	None	None
Wedge Orientation	--	--	--
Wedge Angle	None	None	None
Blocked/Tray #/MLC(#CP's)	Yes/MLC (13)	Yes/MLC (10)	Yes/MLC (6)
Bolus	None	None	None
Compensator	None	None	None
Opening Density Matrix	None	None	None
Dose			
Dose Engine	Adaptive Convolve	Adaptive Convolve	Adaptive Convolve
Model	All Field Sizes	All Field Sizes	All Field Sizes
Density Correction	Heterogeneous	Heterogeneous	Heterogeneous
Relative Weight (%)	19.00	18.66	12.73
Reference Point	*ISO*	*ISO*	*ISO*
Normalized Dose (ND) at Ref Pt	0.176	0.133	0.364
Collimator Output Factor (OFc)(Last CP)	1.003	1.015	0.981
MLC Transmission Factor (Last CP)	0.00203126	0.00203126	0.00203126
Total Transmission Factor (TTF)	1.000	1.000	1.000
SPD/OAD (cm)	100.00 / 0.00	100.00 / 0.00	100.00 / 0.00
SSD to Ref Pt (cm)	81.66	81.66	92.30
Ref Pt Depth / Eff Depth (cm)	18.34 / 10.90	18.34 / 10.30	7.70 / 6.45
Unblk Equiv Sq (cm / %Blkd)(Last CP)	21.8 / 64.5%	22.3 / 51.0%	18.5 / 58.6%
Meas Ref Point Dose (Gy/MU)	--	--	--
Dose at Ref/Fraction (Gy)	0.3	0.2	0.4
Number of Fractions	**30**	**30**	**30**
MU/Fraction	**220**	**216**	**147**

Plan Authorization: _____

All. 5

Patient Name:		Date/Time:	Mon Dec 9 11:36:16 2013
Patient ID:	20120435	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial_1	Physician/Physicist:	
Revision:	**R01.P01.D01**	Planner:	
Lock Status:	**Not Locked**		

	G305	*PV0*	*PV90*
Beam Setup			
Machine Name	*ONCORINU*	*ONCORINU*	*ONCORINU*
Machine Version	2010-03-12 14:59:59	2010-03-12 14:59:59	2010-03-12 14:59:59
Energy / Modality	6MV Photons	6MV Photons	6MV Photons
SAD (cm)	100.0	100.0	100.0
Prescription	SEDE ORL	PV0	PV90
Isocenter	ISO	ISO	ISO
Beam Geometry			
Couch Angle	0.0	0.0	0.0
Gantry Angle	305.0	0.0	90.0
Collimator Angle	0.0	0.0	0.0
SSD (cm)	94.26	93.22	94.51
SSD With Bolus (cm)	--	--	--
Collimators (cm) (Control Pt 1)			
Y2	11.00	10.00	10.00
Y1	11.00	10.00	10.00
X2	7.80	10.00	10.00
X1	13.00	10.00	10.00
Y	22.00	20.00	20.00
XMLC	20.80	20.00	20.00
Modifiers			
Wedge Name	None	None	None
Wedge Orientation	--	--	--
Wedge Angle	None	None	None
Blocked/Tray #/MLC(#CP's)	Yes/MLC (9)	No	No
Bolus	None	None	None
Compensator	None	None	None
Opening Density Matrix	None	None	None
Dose			
Dose Engine	Adaptive Convolve	Adaptive Convolve	Adaptive Convolve
Model	All Field Sizes	All Field Sizes	All Field Sizes
Density Correction	Heterogeneous	Heterogeneous	Heterogeneous
Relative Weight (%)	15.05	100.00	100.00
Reference Point	*ISO*	*ISO*	*ISO*
Normalized Dose (ND) at Ref Pt	0.298	1.134	1.207
Collimator Output Factor (OFc)(Last CP)	0.995	1.017	1.017
MLC Transmission Factor (Last CP)	0.00203126	-- / --	-- / --
Total Transmission Factor (TTF)	1.000	1.000	1.000
SPD/OAD (cm)	100.00 / 0.00	100.00 / 0.00	100.00 / 0.00
SSD to Ref Pt (cm)	94.26	93.22	94.51
Ref Pt Depth / Eff Depth (cm)	5.74 / 5.63	6.78 / 6.66	5.49 / 5.69
Unblk Equiv Sq (cm / %Blkd)(Last CP)	19.2 / 48.2%	20.0 / --	20.0 / --
Meas Ref Point Dose (Gy/MU)	--	--	--
Dose at Ref/Fraction (Gy)	0.4	0.0	0.0
Number of Fractions	**30**	**18**	**18**
MU/Fraction	**174**	**1**	**1**

Plan Authorization: _____

Acc. 5

Patient Name:	
Patient ID:	20120435
Plan Name:	Copia
Trial Name:	trial_1
Revision:	**R01.P01.D01**
Lock Status:	**Not Locked**

Date/Time: Mon Dec 9 11:36:16 2013
Comment:
Institution: Piani pronti
Physician/Physicist:
Planner:

IMRT Summary

Objectives

ROI	Type	Constraint	Target (Gy)	Volume (%)	Variation (%)	Weight (%)	Objective Value	*a*	gEUD (Gy)
EVAL 67.5	Uniform Dose	No	67.50	--	--	0.01	0.0000	--	--
EVAL 67.5	Max Dose	No	70.60	--	--	50.00	0.0003	--	--
EVAL 67.5	Min DVH	No	64.13	98.0	--	85.00	0.0009	--	--
DIFF 1	Uniform Dose	No	60.00	--	--	0.01	0.0000	--	--
DIFF 1	Max Dose	No	63.00	--	--	1.00	0.0001	--	--
EVAL 60	Min DVH	No	57.00	98.0	--	1.00	0.0000	--	--
DIFF 2	Uniform Dose	No	54.00	--	--	0.01	0.0000	--	--
DIFF 2	Max Dose	No	56.50	--	--	20.00	0.0015	--	--
EVAL 54	Min DVH	No	51.30	99.0	--	20.00	0.0006	--	--
BODY-TARGET	Max Dose	No	48.60	--	--	0.50	0.0001	--	--
PRV CORD 4MM	Max Dose	No	41.00	--	--	1.00	0.0000	--	--
PRV CORD 4MM	Max EUD	No	39.00	--	--	10.00	0.0002	50.00	39.391
midollo	Max Dose	No	34.00	--	--	1.00	0.0000	--	--
midollo	Max EUD	No	32.00	--	--	10.00	0.0003	50.00	32.392
PRV TRONCO	Max Dose	No	40.00	--	--	1.00	0.0000	--	--
PRV TRONCO	Max EUD	No	38.00	--	--	1.00	0.0000	50.00	38.258
PAROTIDI	Max EUD	No	30.00	--	--	10.00	0.0001	1.000	30.208
COLLO	Max Dose	No	50.00	--	--	1.00	0.0002	--	--
DIFF 2	Max EUD	No	54.00	--	--	1.00	0.0000	1.000	53.893
SD	Max EUD	No	34.00	--	--	1.00	0.0000	1.000	34.344
ROI_1	Min Dose	No	51.30	--	--	1.00	0.0001	--	--
ROI_2	Min Dose	No	51.30	--	--	1.00	0.0001	--	--
ROI_3	Min Dose	No	51.30	--	--	1.00	0.0000	--	--
ROI_4	Max Dose	No	51.10	--	--	1.00	0.0001	--	--
ROI_5	Min Dose	No	64.00	--	--	1.00	0.0002	--	--

Composite objective value: 0.00495782

Optimization

Beam Name	Optimization Type
G0	DMPO
G55	DMPO
G110	DMPO
G165	DMPO
G195	DMPO

Plan Authorization: _____

 12

All. 5

Patient Name:		Date/Time:	Mon Dec 9 11:36:57 2013
Patient ID:	20120453	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial_1	Physician/Physicist:	
Revision:	**R01.P01.D01**	Planner:	
Lock Status:	**Not Locked**		

Optimization Continued

Beam Name	Optimization Type
G250	DMPO
G305	DMPO
PV0	Intensity Modulation
PV90	Intensity Modulation

Maximum iterations:	30
Convolution dose iteration:	10
Stopping tolerance:	1.0e-05
Tumor overlap fraction (%):	NA
MLC delivery:	Yes

DMPO

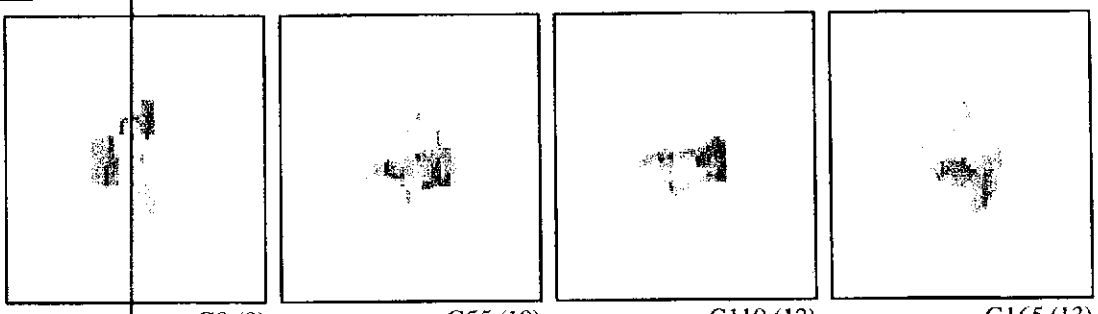
Maximum number of segments:	70
Minimum segment area (Sq cm):	4.00
Minimum segment MUs:	4.00
Leaf/Field edge overlap (cm):	0.50
Minimum overlap distance for beam splitting (cm):	2.00

Plan Authorization: _____

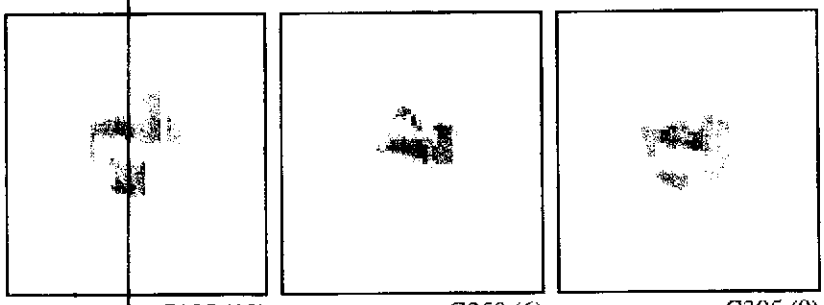
All. 5

Patient Name:		Date/Time:	Mon Dec 9 11:37:00 2013
Patient ID:	20120435	Comment:	
Plan Name:	Copia	Institution:	Piani pron'
Trial Name:	trial_1	Physician/Physicist:	
Revision:	**R01.P01.D01**	Planner:	
Lock Status:	**Not Locked**		

Deliverable ODM



Beam Name (#CPs)	G0 (9)	G55 (10)	G110 (12)	G165 (13)
Machine Name	ONCOR1NU	ONCOR1NU	ONCOR1NU	ONCOR1NU
Energy / Modality	6MV Photons	6MV Photons	6MV Photons	6MV Photons
Couch /Gantry /Collimator	0.0/ 0.0/ 0.0	0.0/ 55.0/ 0.0	0.0/ 110.0/ 0.0	0.0/ 165.0/ 0.0
Jaw Positions	Y2 (10.8)/ Y1 (10.9)	Y2 (10.9)/ Y1 (10.9)	Y2 (10.9)/ Y1 (10.9)	Y2 (10.9)/ Y1 (10.9)
	X2 (12.0)/ X1 (12.1)	X2 (13.2)/ X1 (8.3)	X2 (11.9)/ X1 (8.0)	X2 (13.4)/ X1 (11.5)
	Y (21.7)	Y (21.8)	Y (21.8)	Y (21.8)
	XMLC (21.0)	XMLC (17.9)	XMLC (15.6)	XMLC (21.8)
MU/Fraction	107	132	161	220

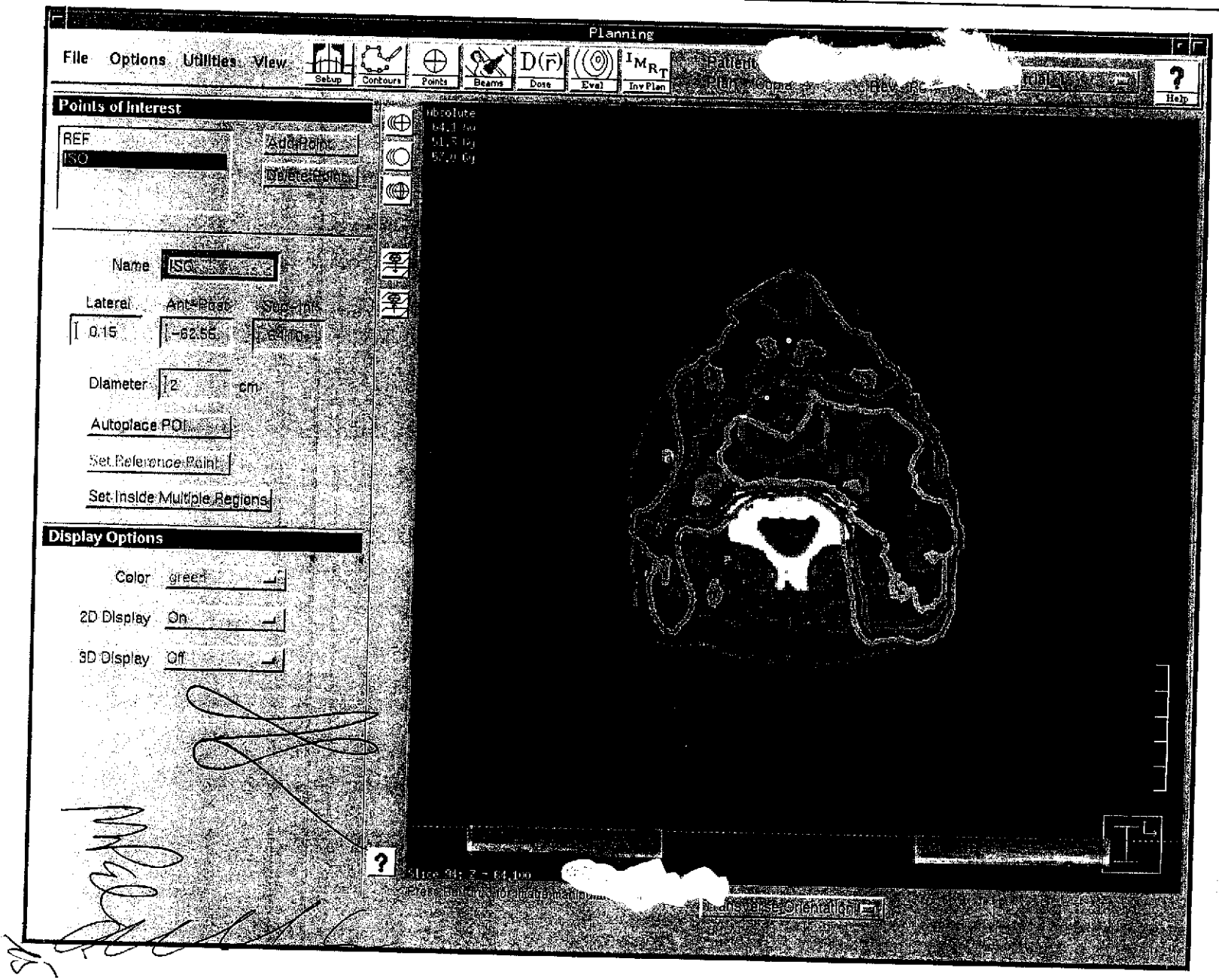


Beam Name (#CPs)	G195 (10)	G250 (6)	G305 (9)
Machine Name	ONCOR1NU	ONCOR1NU	ONCOR1NU
Energy / Modality	6MV Photons	6MV Photons	6MV Photons
Couch /Gantry /Collimator	0.0/ 195.0/ 0.0	0.0/ 250.0/ 0.0	0.0/ 305.0/ 0.0
Jaw Positions	Y2 (10.9)/ Y1 (10.9)	Y2 (11.1)/ Y1 (11.0)	Y2 (11.0)/ Y1 (11.0)
	X2 (11.9)/ X1 (13.6)	X2 (8.4)/ X1 (11.6)	X2 (7.8)/ X1 (13.0)
	Y (21.8)	Y (22.1)	Y (22.0)
	XMLC (22.8)	XMLC (15.9)	XMLC (17.0)
MU/Fraction	216	147	174

Plan Authorization: _____

Pinnacle³

Patient Name:		Date/Time: Mon Dec 9 11:39:06 2013	Revision: R01.P01.D01		RTP System 8.0m
Patient ID:	20120435	Comment:	Planner:	Page:	1 of 1
Plan Name:	Copia	Physician/Physicist:	Institution: Piani pronti	Scaling:	Fill Page
Lock Status:	**Not Locked**				



Pinnacle³

Patient Name:
Patient ID: 2012043.
Plan Name: Copia
Lock Status: **Not Locked**

Date/Time: Mon Dec 9 11:39:36 2013
Comment:
Physician/Physicist:

Revision: R01.P01.D01
Planner:
Institution: Piani pronti

Scaling: Fill Page

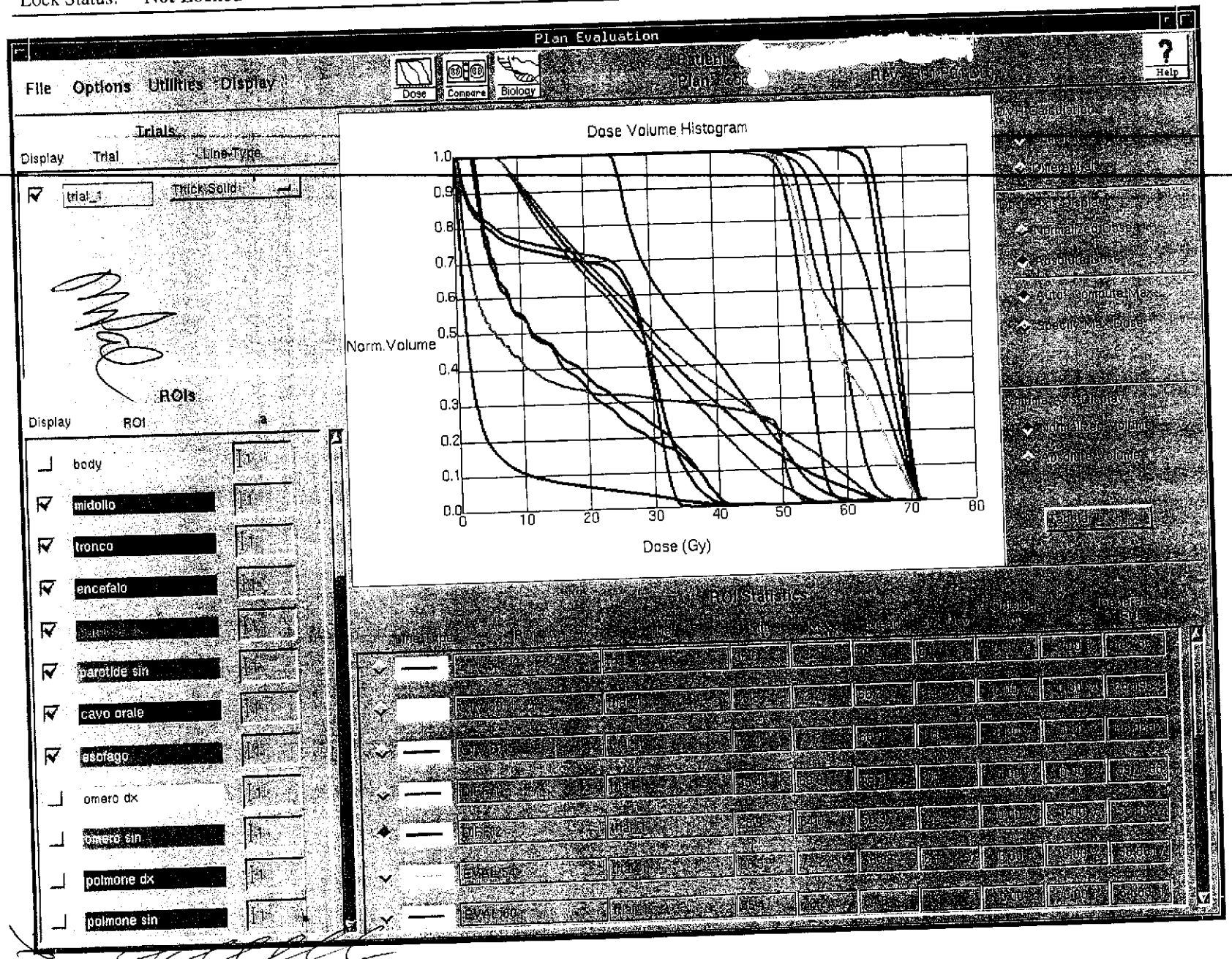
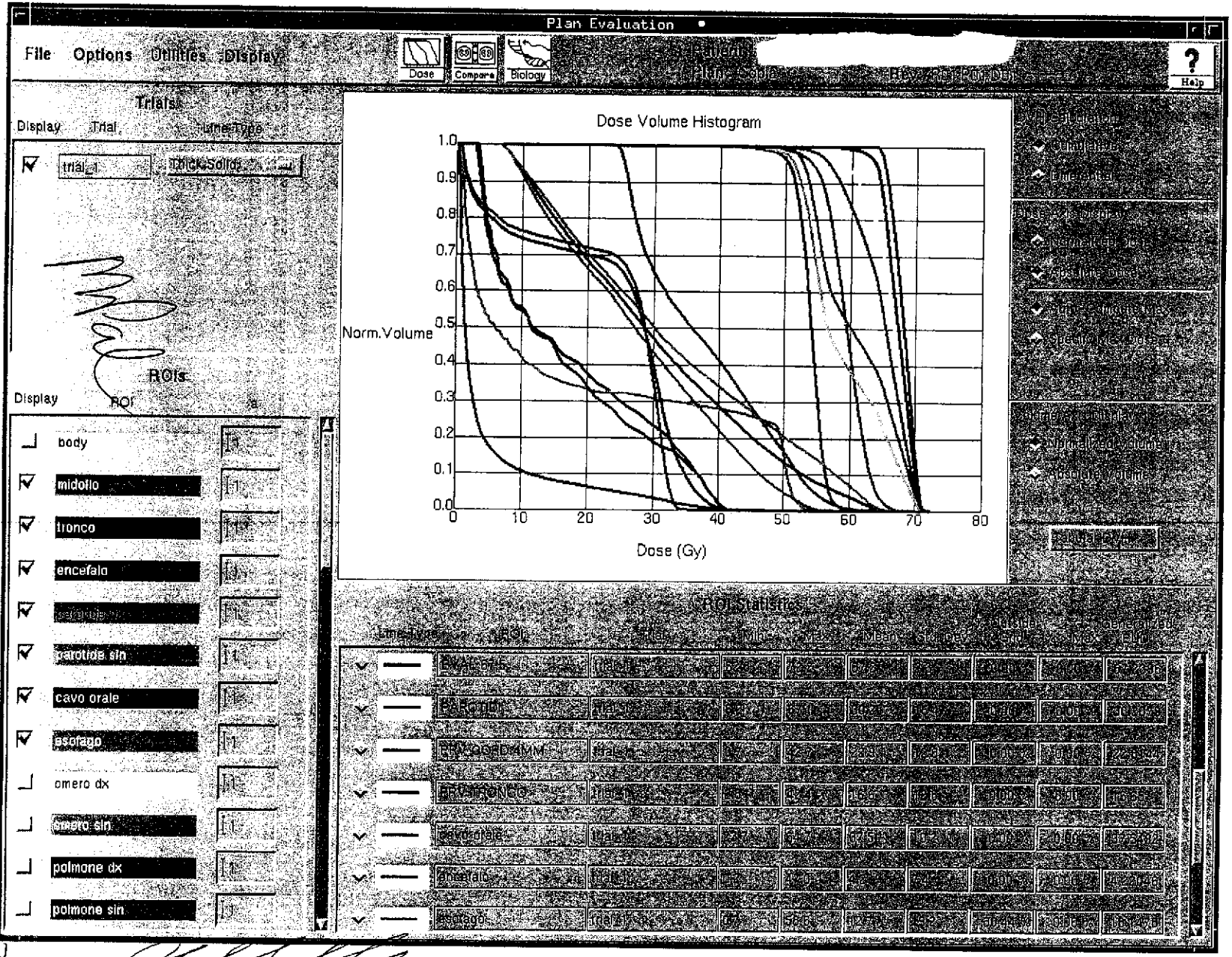


Fig. 5

Pinnacle³

RTP System 8.0m

Patient Name:		Date/Time: Mon Dec 9 11:39:57 2013	Revision: R01.P01.D01	Page:	1 of 1
Patient ID:		Comment:	Planner:	Scaling:	Fill Page
Plan Name:	Copia	Physician/Physicist.	Institution: Piani pronti		
Lock Status:	**Not Locked**				



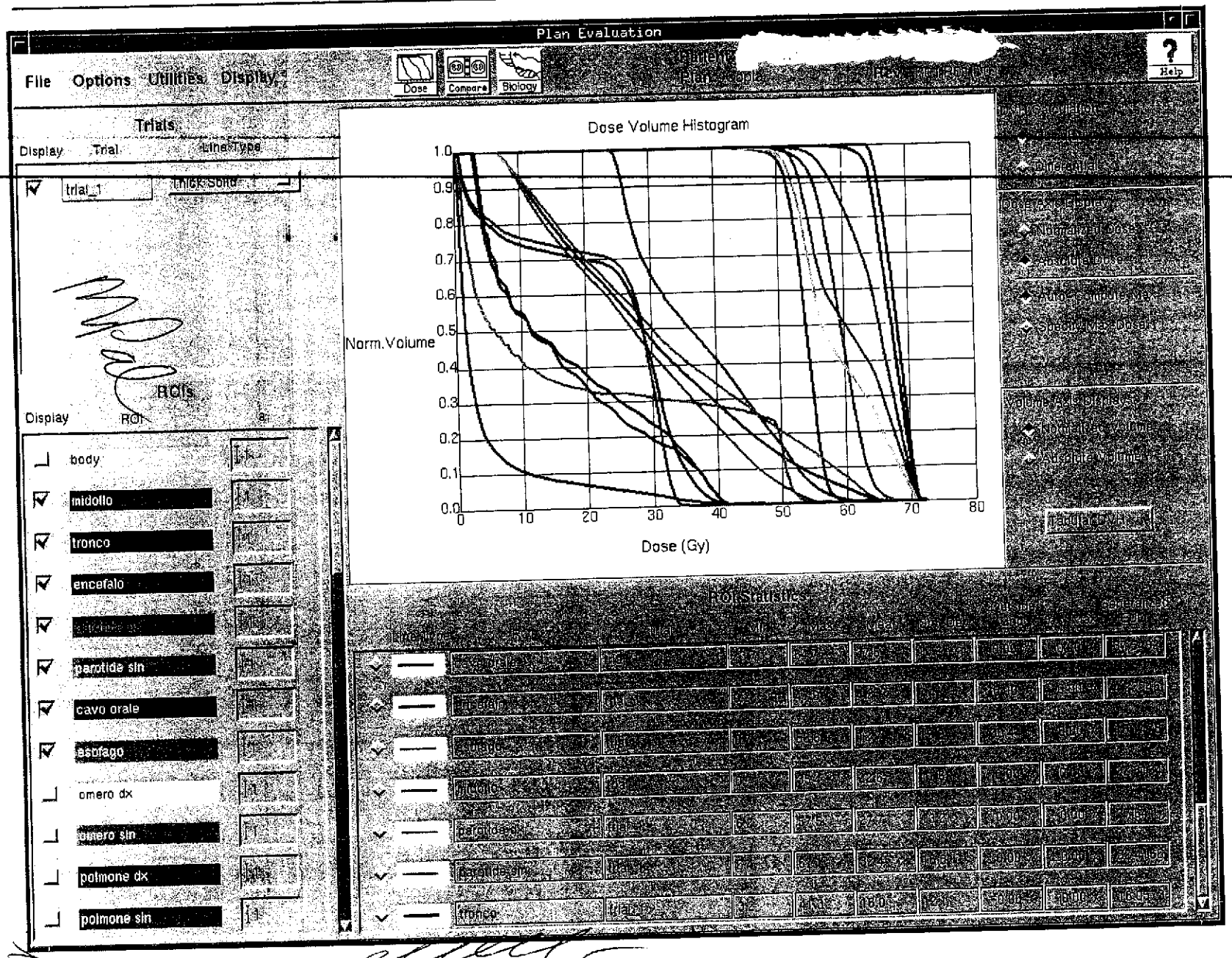
Pinnacle³

Patient Name:
Patient ID:
Plan Name: Copia
Lock Status: **Not Locked**

Date/Time: Mon Dec 9 11:40:18 2013
Comment:
Physician/Physicist:

Revision: R01.P01.D01
Planner:
Institution: Piani pronti

Page: 1 of 1
Scaling: Fill Page



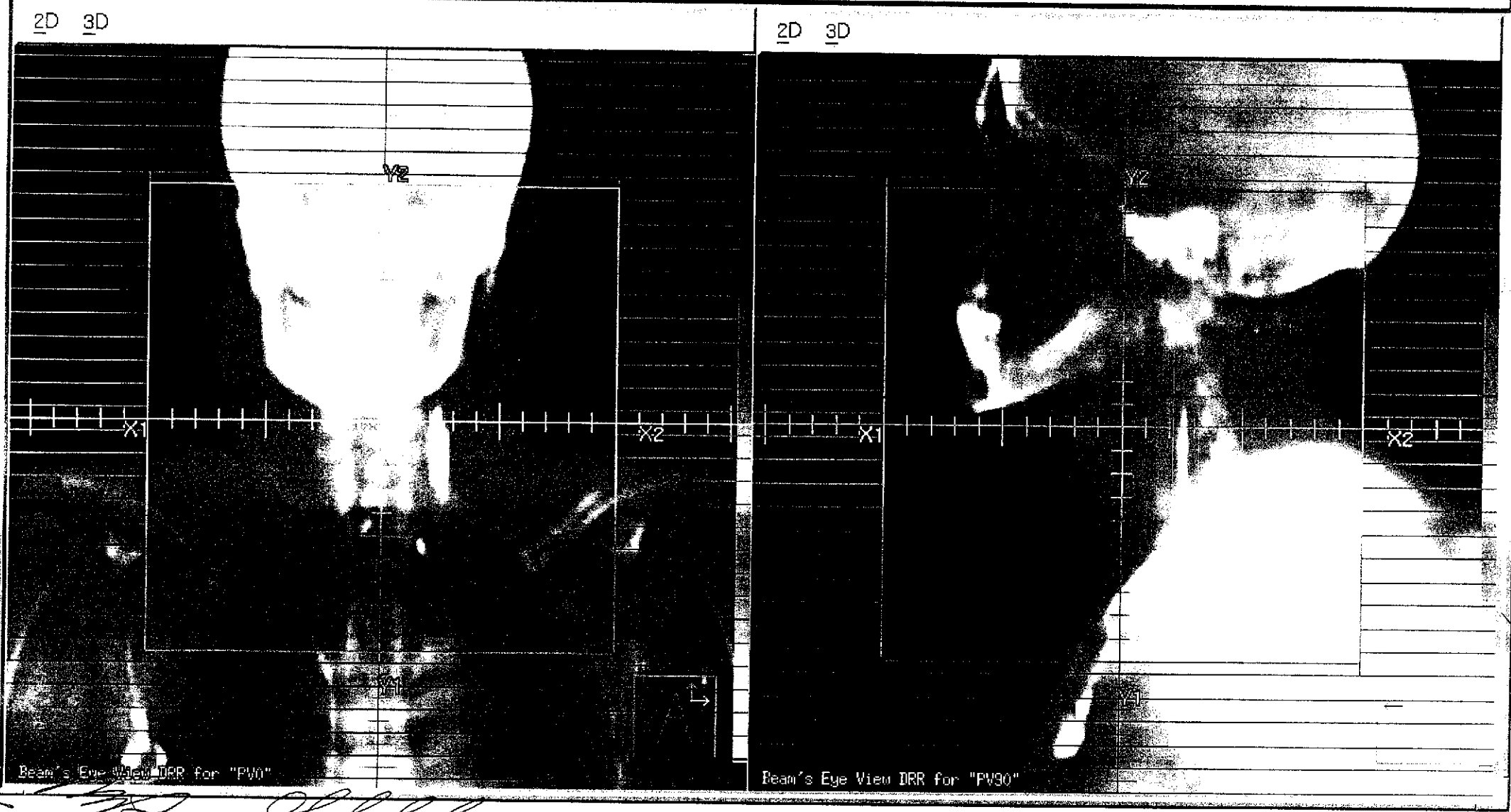
Pinnacle³

RTP System 8.0m

Patient Name:		Date/Time: Mon Dec 9 11:41:24 2013	Revision: R01.P01.D01	Page:	1 of 1
Patient ID:	[illegible]	Comment:	Planner:	Scaling:	Fill Page
Plan Name:	Copia	Physician/Physicist:	Institution: Piani pronti		
Lock Status:	**Not Locked**				

Viewing Window Set [5-6] Pinnacle v8.0m

File Options Global 2D Help



All. 5

ASLCagliari

CONCORSO PUBBLICO, PER TITOLI ED ESAMI, PER LA COPERTURA DI N. 3 POSTI DI DIRIGENTE MEDICO NELLA DISCIPLINA DI RADIOTERAPIA

PROVA PRATICA N. 2

PIANO DI CURA MAMMELLA

DISCUSSIONE DELLA DOCUMENTAZIONE CARTACEA IN VISIONE

PROVA NON ESTRATTA

20

Patient Name:		Date/Time:	Mon Dec 9 12:19:09 2013
Patient ID:	[illegible]	Comment:	
Plan Name:	stamp	Institution:	Piani pronti
Trial Name:	trial1	Physician/Phy[illegible]ist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Plan Summary Sheet

Beam Setup

Beam	Machine	Energy	Modality	Prescription	Isocenter	SSD (cm) Start / Avg	MU Per Fraction
G53	ONCOR1NU	6MV	Photons	PARETE DX	ISO	96.11 / 96.11	**104**
G230	ONCOR1NU	6MV	Photons	PARETE DX	ISO	88.81 / 88.81	**104**
G53C	ONCOR1NU	6MV	Photons	PARETE DX	ISO	96.11 / 96.11	**10**
G230C	ONCOR1NU	6MV	Photons	PARETE DX	ISO	88.81 / 88.81	**9**
G53D	ONCOR1NU	6MV	Photons	PARETE DX	ISO	96.11 / 96.11	**10**
G53E	ONCOR1NU	6MV	Photons	PARETE DX	ISO	96.11 / 96.11	**6**
G230D	ONCOR1NU	6MV	Photons	PARETE DX	ISO	88.81 / 88.81	**6**
F10	ONCOR1NU	6MV	Photons	SVCL	ISO	97.82 / 97.82	**271**
F179	ONCOR1NU	6MV	Photons	SVCL	ISO	85.86 / 85.86	**49**
F10C	ONCOR1NU	6MV	Photons	SVCL	ISO	97.82 / 97.82	**11**
F290C	ONCOR1NU	6MV	Photons	SVCL	ISO	97.31 / 97.31	**12**

Beam	Collimators (cm) (Control Pt 1) Y2	Y1	X2	X1	Gantry Start / Stop	Couch	Coll	Block	Wedge	Bolus	Comp
G53	0.00	19.50	2.70	7.00	53.0 / 53.0	0.0	0.0	MLC	None	Yes	No
G230	0.00	19.00	7.00	2.80	230.0/230.0	0.0	0.0	MLC	None	Yes	No
G53C	0.00	19.50	2.70	3.00	53.0 / 53.0	0.0	0.0	MLC	None	Yes	No
G230C	0.00	19.00	3.40	2.80	230.0/230.0	0.0	0.0	MLC	None	Yes	No
G53D	0.00	7.50	2.50	2.20	53.0 / 53.0	0.0	0.0	MLC	None	Yes	No
G53E	0.00	5.50	2.70	1.30	53.0 / 53.0	0.0	0.0	MLC	None	Yes	No
G230D	0.00	5.50	1.40	2.70	230.0/230.0	0.0	0.0	MLC	None	Yes	No
F10	7.90	0.00	9.40	-0.20	10.0 / 10.0	0.0	0.0	MLC	W15	No	No
F179	8.10	0.00	0.30	9.40	179.4/179.4	0.0	0.0	MLC	None	No	No
F10C	7.90	0.00	9.30	-3.00	10.0 / 10.0	0.0	0.0	MLC	W15	No	No
F290C	7.50	0.00	3.30	4.50	290.0/290.0	0.0	0.0	MLC	W30	No	No

Prescriptions

Total Monitor Units set to 249 per fraction for 25 fractions.
7 beams are assigned to this prescription.

Prescribe 2 Gy per fraction to 100 % of point dose at "N C" for 25 fractions.
Beam weights are proportional to point dose.
Actual point dose at "N C" from all prescriptions/beams is 50.1875 Gy.
4 beams are assigned to this prescription.

Plan Authorization: _____

Acc. 5

Patient Name:		Date/Time:	Mon Dec 9 12:19:09 2013
Patient ID:	20130225	Comment:	
Plan Name:	stamp	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Plan Summary Sheet Continued

Isocenter

ISO

Position patient such that lasers line up with patient marks.
Move the table RIGHT 9.00 cm (looking from foot of table.)
Move the table DOWN 7.50 cm.
Move the table OUT (away from the gantry) 5.00 cm.

Plan Authorization: _____

AKL - J

Patient Name:		Date/Time:	Mon Dec 9 12:19:09 2013
Patient ID:	20130228	Comment:	
Plan Name:	stamp	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Plan Setup

Data Set Name:	[illegible]
Data Set Dimensions:	[illegible] slices, [illegible] x [illegible] pixels
CT to Density Table Name:	*CTNU_120kV*
Patient Position:	On back (supine) Head First
Couch:	Removed at Y = -93.13
Body Board Angle:	None
Number of Photon Beams:	11
Number of Stereo Beams:	0
Number of Electron Beams:	0
Number of Brachy Sources:	0
Outside-Patient Air Threshold:	0.60 g/cm^3

Dose Grid Geometry

	Lateral	Ant-Post	Sup-Inf	Units
Resolution	0.400	0.400	0.400	cm
Dimension	113	66	92	Pixels
Origin	-21.647	-84.951	44.186	cm

Top Slice of CT Extended:	1.00 cm
Bottom Slice of CT Extended:	1.00 cm

Region of Interest Density Overrides:

ROI	Density
(no ROI density overrides in use)	

Plan Authorization: _____

Acc - 5

Patient Name:	
Patient ID:	20130226
Plan Name:	stamp
Trial Name:	trial1
Revision:	**R01.P01.D02**
Lock Status:	**Not Locked**

Date/Time: Mon Dec 9 12:19:09 2013
Comment:
Institution: Piani pronti
Physician/Physicist:
Planner:

	G53	*G230*	*G53C*
Beam Setup			
Machine Name	*ONCOR1NU*	*ONCOR1NU*	*ONCOR1NU*
Machine Version	2010-03-12 14:59:59	2010-03-12 14:59:59	2010-03-12 14:59:59
Energy / Modality	6MV Photons	6MV Photons	6MV Photons
SAD (cm)	100.0	100.0	100.0
Prescription	PARETE DX	PARETE DX	PARETE DX
Isocenter	ISO	ISO	ISO
Beam Geometry			
Couch Angle	0.0	0.0	0.0
Gantry Angle	53.0	230.0	53.0
Collimator Angle	0.0	0.0	0.0
SSD (cm)	96.11**	88.81**	96.11**
SSD With Bolus (cm)	94.96	87.89	94.96
Collimators (cm) (Control Pt 1)			
Y2	0.00	0.00	0.00
Y1	19.50	19.00	19.50
X2	2.70	7.00	2.70
X1	7.00	2.80	3.00
Y	19.50	19.00	19.50
XMLC	9.70	9.80	5.70
Modifiers			
Wedge Name	None	None	None
Wedge Orientation	--	--	--
Wedge Angle	None	None	None
Blocked / Tray #	Yes/MLC	Yes/MLC	Yes/MLC
Bolus	Yes	Yes	Yes
Compensator	None	None	None
Opening Density Matrix	None	None	None
Dose			
Dose Engine	CC Convolution	CC Convolution	CC Convolution
Model	All Field Sizes	All Field Sizes	All Field Sizes
Density Correction	Heterogeneous	Heterogeneous	Heterogeneous
Relative Weight (%)	41.77	41.77	4.02
Reference Point	*ISO*	*ISO*	*ISO*
Normalized Dose (ND) at Ref Pt	0.539	0.422	0.536
Collimator Output Factor (OFc)(Last CP)	1.005	1.005	1.000
MLC Transmission Factor (Last CP)	0.00203126	0.00203126	0.00203126
Total Transmission Factor (TTF)	1.000	1.000	1.000
SPD/OAD (cm)	100.00 / 0.00	100.00 / 0.00	100.00 / 0.00
SSD to Ref Pt (cm)	96.11**	88.81**	96.11**
Ref Pt Depth / Eff Depth (cm)	3.89 / 3.86**	11.19 / 11.02**	3.89 / 3.86**
Unblk Equiv Sq (cm / %Blkd)(Last CP)	13.0 / 15.0%	12.9 / 15.2%	8.8 / 35.6%
Meas Ref Point Dose (Gy/MU)	--	--	--
Dose at Ref/Fraction (Gy)	0.5	0.4	0.0
Number of Fractions	**25**	**25**	**25**
MU/Fraction	**104**	**104**	**10**

**** Note that SSD and computed depth do not include bolus thickness.**

Plan Authorization: _____

Patient Name:		Date/Time:	Mon Dec 9 12:19:09 2013
Patient ID:	.	Comment:	
Plan Name:	stamp	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

	G230C	*G53D*	*G53E*
Beam Setup			
Machine Name	*ONCORINU*	*ONCORINU*	*ONCORINU*
Machine Version	2010-03-12 14:59:59	2010-03-12 14:59:59	2010-03-12 14:59:59
Energy / Modality	6MV Photons	6MV Photons	6MV Photons
SAD (cm)	100.0	100.0	100.0
Prescription	PARETE DX	PARETE DX	PARETE DX
Isocenter	ISO	ISO	ISO
Beam Geometry			
Couch Angle	0.0	0.0	0.0
Gantry Angle	230.0	53.0	53.0
Collimator Angle	0.0	0.0	0.0
SSD (cm)	88.81**	96.11**	96.11**
SSD With Bolus (cm)	87.89	94.96	94.96
Collimators (cm) (Control Pt 1)			
Y2	0.00	0.00	0.00
Y1	19.00	7.50	5.50
X2	3.40	2.50	2.70
X1	2.80	2.20	1.30
Y	19.00	7.50	5.50
XMLC	6.20	4.70	4.00
Modifiers			
Wedge Name	None	None	None
Wedge Orientation	--	--	--
Wedge Angle	None	None	None
Blocked / Tray #	Yes/MLC	Yes/MLC	Yes/MLC
Bolus	Yes	Yes	Yes
Compensator	None	None	None
Opening Density Matrix	None	None	None
Dose			
Dose Engine	CC Convolution	CC Convolution	CC Convolution
Model	All Field Sizes	All Field Sizes	All Field Sizes
Density Correction	Heterogeneous	Heterogeneous	Heterogeneous
Relative Weight (%)	3.61	4.02	2.41
Reference Point	*ISO*	*ISO*	*ISO*
Normalized Dose (ND) at Ref Pt	0.413	0.526	0.501
Collimator Output Factor (OFc)(Last CP)	1.000	0.986	0.981
MLC Transmission Factor (Last CP)	0.00203126	0.00203126	0.00203126
Total Transmission Factor (TTF)	1.000	1.000	1.000
SPD/OAD (cm)	100.00 / 0.00	100.00 / 0.00	100.00 / 0.00
SSD to Ref Pt (cm)	88.81**	96.11**	96.11**
Ref Pt Depth / Eff Depth (cm)	11.19 / 11.02**	3.89 / 3.86**	3.89 / 3.86**
Unblk Equiv Sq (cm / %Blkd)(Last CP)	9.3 / 36.4%	5.8 / 22.8%	4.6 / 18.6%
Meas Ref Point Dose (Gy/MU)	--	--	--
Dose at Ref/Fraction (Gy)	0.0	0.0	0.0
Number of Fractions	**25**	**25**	**25**
MU/Fraction	**9**	**10**	**6**

**** Note that SSD and computed depth do not include bolus thickness.**

Plan Authorization: _____

ACC. 3

Patient Name:		Date/Time:	Mon Dec 9 12:19:09 2013
Patient ID:	20130228	Comment:	
Plan Name:	stamp	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

	G230D	*F10*	*F179*
Beam Setup			
Machine Name	*ONCOR1NU*	*ONCOR1NU*	*ONCOR1NU*
Machine Version	2010-03-12 14:59:59	2010-03-12 14:59:59	2010-03-12 14:59:59
Energy / Modality	6MV Photons	6MV Photons	6MV Photons
SAD (cm)	100.0	100.0	100.0
Prescription	PARETE DX	SVCL	SVCL
Isocenter	ISO	ISO	ISO
Beam Geometry			
Couch Angle	0.0	0.0	0.0
Gantry Angle	230.0	10.0	179.4
Collimator Angle	0.0	0.0	0.0
SSD (cm)	88.81**	97.82	85.86
SSD With Bolus (cm)	87.89	--	--
Collimators (cm) (Control Pt 1)			
Y2	0.00	7.90	8.10
Y1	5.50	0.00	0.00
X2	1.40	9.40	0.30
X1	2.70	-0.20	9.40
Y	5.50	7.90	8.10
XMLC	4.10	9.20	9.70
Modifiers			
Wedge Name	None	*W15*	None
Wedge Orientation	--	4RW15M	--
Wedge Angle	None	Fixed	None
Blocked / Tray #	Yes/MLC	Yes/MLC	Yes/MLC
Bolus	Yes	None	None
Compensator	None	None	None
Opening Density Matrix	None	None	None
Dose			
Dose Engine	CC Convolution	CC Convolution	CC Convolution
Model	All Field Sizes	W: W15, All Fields	All Field Sizes
Density Correction	Heterogeneous	Heterogeneous	Heterogeneous
Relative Weight (%)	2.41	75.00	20.00
Reference Point	*ISO*	*ISO*	*ISO*
Normalized Dose (ND) at Ref Pt	0.428	0.021	0.025
Collimator Output Factor (OFc)(Last CP)	0.981	0.994	1.000
MLC Transmission Factor (Last CP)	0.00203126	0.00914063	0.00203126
Total Transmission Factor (TTF)	1.000	1.000	1.000
SPD/OAD (cm)	100.00 / 0.00	100.00 / 0.00	100.00 / 0.00
SSD to Ref Pt (cm)	88.81**	97.82	85.86
Ref Pt Depth / Eff Depth (cm)	11.19 / 11.02**	2.18 / 2.14	14.14 / 14.95
Unblk Equiv Sq (cm / %Blkd)(Last CP)	4.7 / 24.8%	8.5 / 25.8%	8.8 / 26.7%
Meas Ref Point Dose (Gy/MU)	--	--	--
Dose at Ref/Fraction (Gy)	0.0	0.0	0.0
Number of Fractions	**25**	**25**	**25**
MU/Fraction	**6**	**271**	**49**

**** Note that SSD and computed depth do not include bolus thickness.**

Plan Authorization: _____

26

ACK . 5

Patient Name:		Date/Time:	Mon Dec 9 12:19:09 2013
Patient ID:	20130228	Comment:	
Plan Name:	stamp	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

	F10C	*F290C*
Beam Setup		
Machine Name	*ONCOR1NU*	*ONCOR1NU*
Machine Version	2010-03-12 14:59:59	2010-03-12 14:59:59
Energy / Modality	6MV Photons	6MV Photons
SAD (cm)	100.0	100.0
Prescription	SVCL	SVCL
Isocenter	ISO	ISO
Beam Geometry		
Couch Angle	0.0	0.0
Gantry Angle	10.0	290.0
Collimator Angle	0.0	0.0
SSD (cm)	97.82	97.31
SSD With Bolus (cm)	--	--
Collimators (cm) (Control Pt 1)		
Y2	7.90	7.50
Y1	0.00	0.00
X2	9.30	3.30
X1	-3.00	4.50
Y	7.90	7.50
XMLC	6.30	7.80
Modifiers		
Wedge Name	*W15*	*W30*
Wedge Orientation	4RW15M	4RW30M
Wedge Angle	Fixed	Fixed
Blocked / Tray #	Yes/MLC	Yes/MLC
Bolus	None	None
Compensator	None	None
Opening Density Matrix	None	None
Dose		
Dose Engine	CC Convolution	CC Convolution
Model	W: W15, All Fields	W: W30, All Fields
Density Correction	Heterogeneous	Heterogeneous
Relative Weight (%)	3.00	2.00
Reference Point	*ISO*	*ISO*
Normalized Dose (ND) at Ref Pt	0.009	0.299
Collimator Output Factor (OFc)(Last CP)	0.992	1.028
MLC Transmission Factor (Last CP)	0.00914063	0.0110156
Total Transmission Factor (TTF)	1.000	1.000
SPD/OAD (cm)	100.00 / 0.00	100.00 / 0.00
SSD to Ref Pt (cm)	97.82	97.31
Ref Pt Depth / Eff Depth (cm)	2.18 / 2.14	2.69 / 2.61
Unblk Equiv Sq (cm / %Blkd)(Last CP)	7.0 / 42.3%	7.6 / 40.2%
Meas Ref Point Dose (Gy/MU)	--	--
Dose at Ref/Fraction (Gy)	0.0	0.0
Number of Fractions	**25**	**25**
MU/Fraction	**11**	**12**

Plan Authorization: _____

Patient Name:		Date/Time:	Mon Dec 9 12:19:09 2013
Patient ID:		Comment:	
Plan Name:	stamp	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Point of Interest Dose Information

Trial Name: *trial1*

Absolute Maximum Dose: 54.5 Gy at -4.45, -68.55, 50.59

trial1	REF (Lateral Ant-Post Sup-Inf) (-0.08 -74.89 59.50) cm		ISO (Lateral Ant-Post Sup-Inf) (-9.08 -67.39 54.50) cm	
	Abs (Gy)	Pct	Abs (Gy)	Pct
PARETE DX				
G53	0.2	15.4%	11.3	43.1%
G230	0.2	20.3%	8.9	33.7%
G53C	0.0	0.8%	1.1	4.1%
G230C	0.0	1.1%	0.7	2.8%
G53D	0.0	0.4%	1.0	4.0%
G53E	0.0	0.2%	0.6	2.3%
G230D	0.0	0.4%	0.5	1.9%
Total	0.4	38.6%	24.1	91.9%
SVCL				
F10	0.6	48.1%	1.1	4.3%
F179	0.1	10.0%	0.2	0.9%
F10C	0.0	1.5%	0.0	0.1%
F290C	0.0	1.7%	0.7	2.8%
Total	0.7	61.4%	2.1	8.1%
TOTAL	1.2	100.0%	26.3	100.0%

Plan Authorization: _____

Patient Name:		Date/Time:	Mon Dec 9 12:19:09 2013
Patient ID:		Comment:	
Plan Name:	sta	Institution:	Piani pront'
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Point of Interest Dose Information

Trial Name: *trial1*

Absolute Maximum Dose: 54.5 Gy at -4.45, -68.55, 50.59

trial1	N P (Lateral Ant-Post Sup-Inf) (-10.35 -65.93 63.50) cm		N C (Lateral Ant-Post Sup-Inf) (-2.81 -70.34 50.50) cm	
	Abs (Gy)	Pct	Abs (Gy)	Pct
PARETE DX				
G53	21.9	44.8%	0.1	0.3%
G230	22.9	46.9%	0.2	0.3%
G53C	2.0	4.0%	0.0	0.0%
G230C	1.9	3.8%	0.0	0.0%
G53D	0.1	0.2%	0.0	0.0%
G53E	0.0	0.0%	0.0	0.0%
G230D	0.0	0.0%	0.0	0.0%
Total	48.7	99.7%	0.3	0.7%
SVCL				
F10	0.1	0.2%	37.4	74.6%
F179	0.0	0.1%	9.9	19.8%
F10C	0.0	0.0%	1.5	2.9%
F290C	0.0	0.0%	1.0	2.0%
Total	0.1	0.3%	49.9	99.3%
TOTAL	48.9	100.0%	50.2	100.0%

Plan Authorization: _____

A tl - 3

Patient Name:		Date/Time:	Mon Dec 9 12:19:09 2013
Patient ID:	-6	Comment:	
Plan Name:	stamp	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Point of Interest Dose Information

Trial Name: *trial1*

Absolute Maximum Dose: 54.5 Gy at -4.45, -68.55, 50.59

trial1	POI_1 (Lateral Ant-Post Sup-Inf) (-2.81 -69.43 50.50) cm	
	Abs (Gy)	Pct
PARETE DX		
G53	0.2	0.4%
G230	0.2	0.4%
G53C	0.0	0.0%
G230C	0.0	0.0%
G53D	0.0	0.0%
G53E	0.0	0.0%
G230D	0.0	0.0%
Total	0.4	0.8%
SVCL		
F10	39.3	75.9%
F179	9.5	18.4%
F10C	1.5	2.9%
F290C	1.0	1.9%
Total	51.3	99.2%
TOTAL	51.7	100.0%

Plan Authorization: _____

Patient Name:		Date/Time:	Mon Dec 9 12:19:09 2013
Patient ID:		Comment:	
Plan Name:	stamp	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Bolus Information

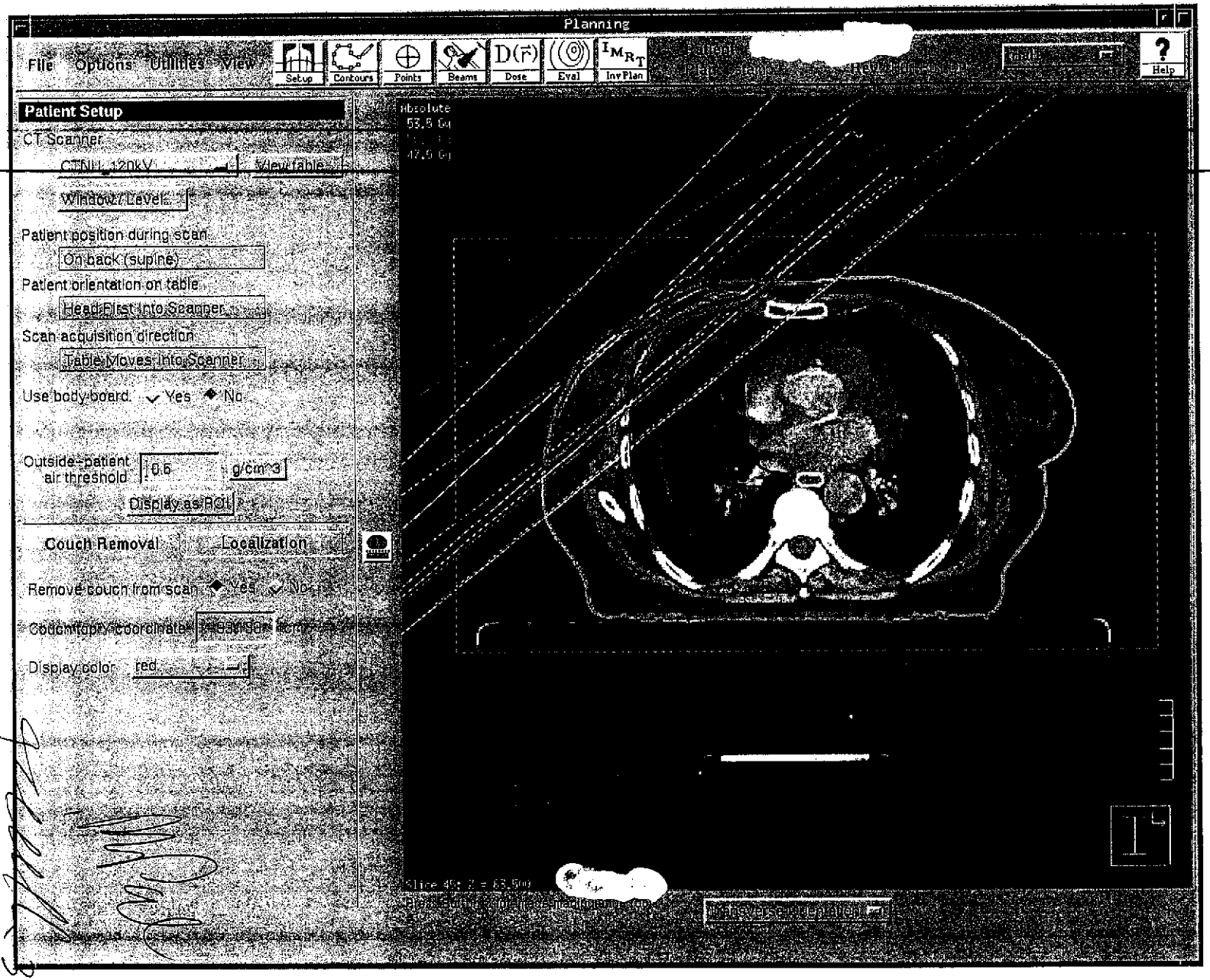
Bolus Setup	*Bolus_5mm*
Constant Thickness (cm)	None
Density (g/cm^3)	1.00
Traversing Beam(s)	G53
	G230
	G53C
	G230C
	G53D
	G53E
	G230D

Plan Authorization: _____

Pinnacle³

RTP System 8.0m

Patient Name:	Date/Time: Mon Dec 9 12:19:52 2013	Revision: R01.P01.D02	Page: 1 of 1
Patient ID:	Comment:	Planner:	Scaling: Fill Page
Plan Name: sta 1p	Physician/Physicis	Institution: Piani pronti	
Lock Status: **Not Locked**			



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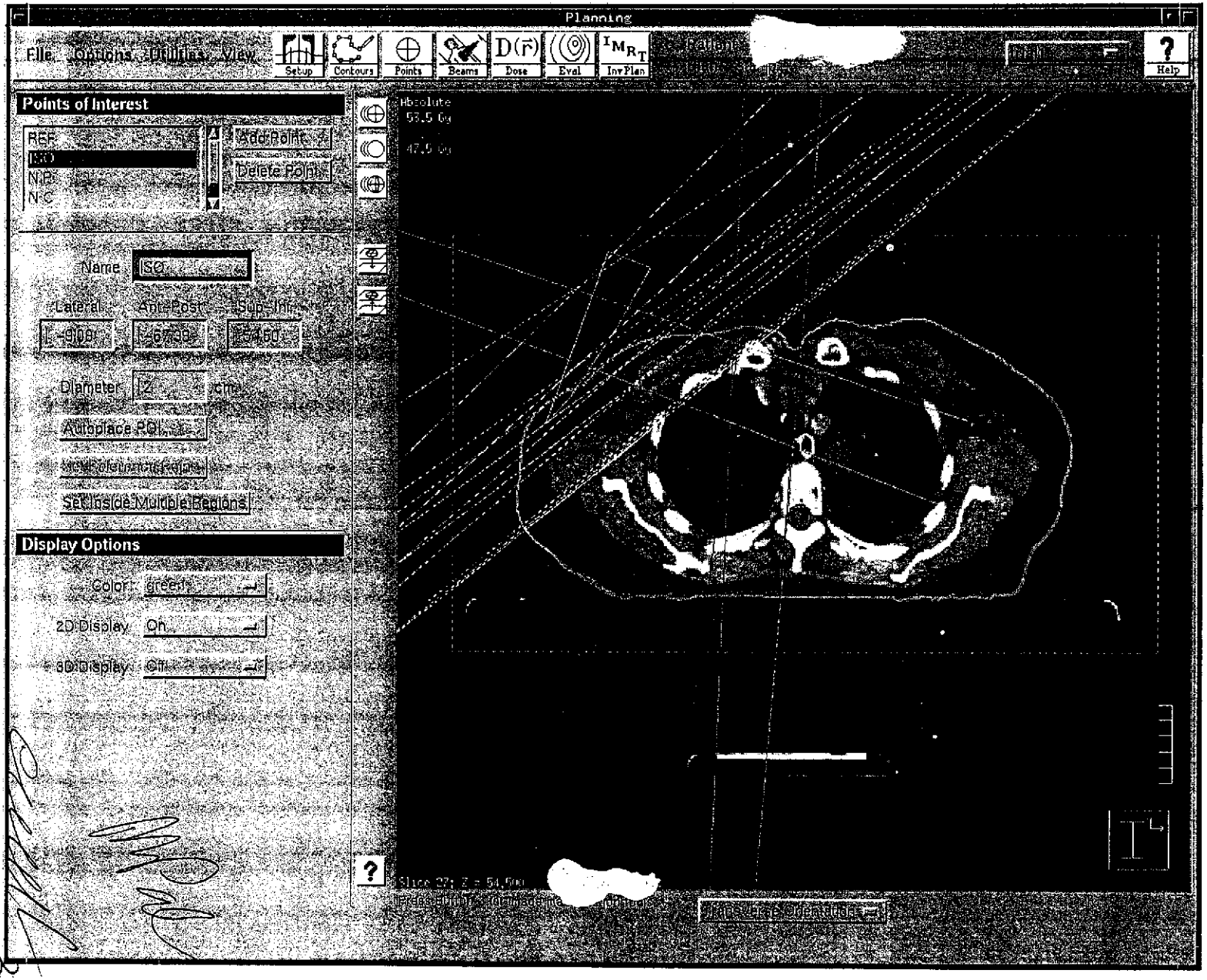
Pinnacle³

RTP System 8.0m

Patient Name:		Date/Time: Mon Dec 9 12:20:11 2013	Revision: R01.P01.D02	Page:	1 of 1
Patient ID:		Comment:	Planner:	Scaling:	Fill Page
Plan Name:	stamp	Physician/Physicist:	Institution: Piani pronti		
Lock Status:	**Not Locked**				



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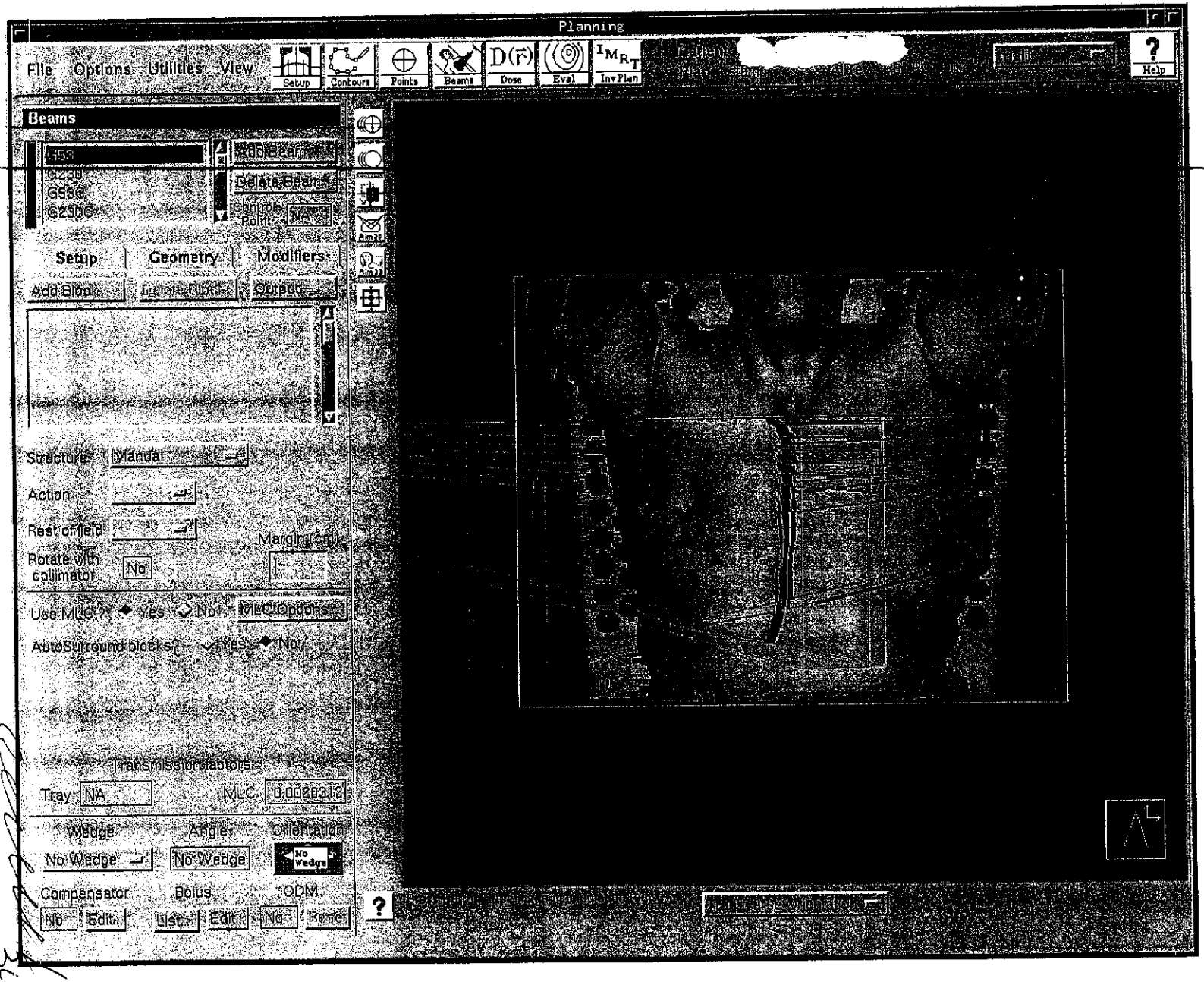
Pinnacle³

RTP System 8.0m

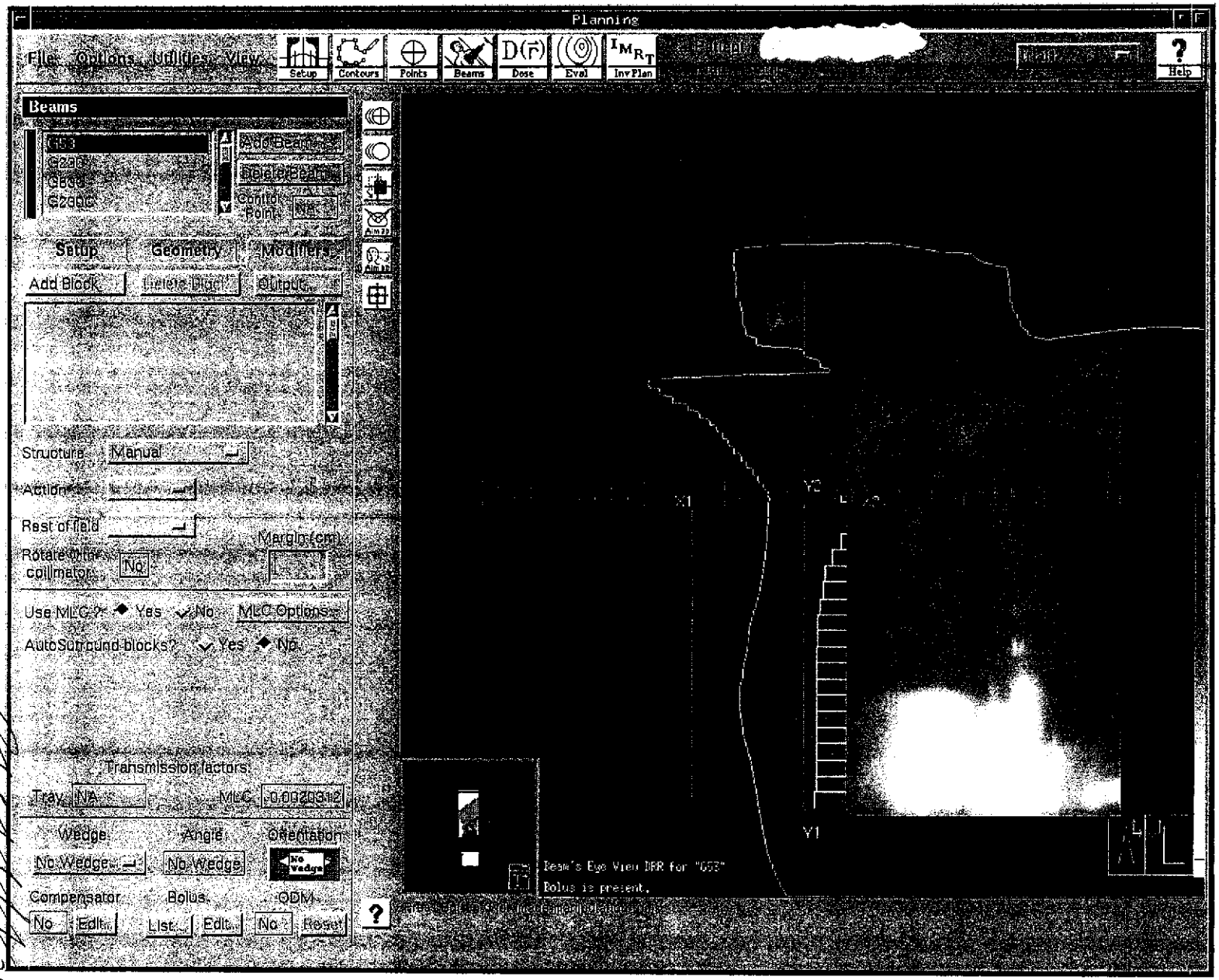
Patient Name:	.	Date/Time: Mon Dec 9 12:20:30 2013	Revision: R01.P01.D02	Page:	1 of 1
Patient ID:	[illegible]	Comment:	Planner:	Scaling:	Fill Page
Plan Name:	stamp	Physician/Physicist:	Institution: Piani pronti		
Lock Status:	**Not Locked**				



Pinnacle³

RTP System 8.0m

Patient Name:		Date/Time:	Mon Dec 9 12:21:04 2013	Revision:	R01.P01.D02	Page:	1 of 1
Patient ID:	?	Comment:		Planner:		Scaling:	Fill Page
Plan Name:	stamp	Physician/Physicist:		Institution:	Piani pronti		
Lock Status:	**Not Locked**						



Pinnacle³

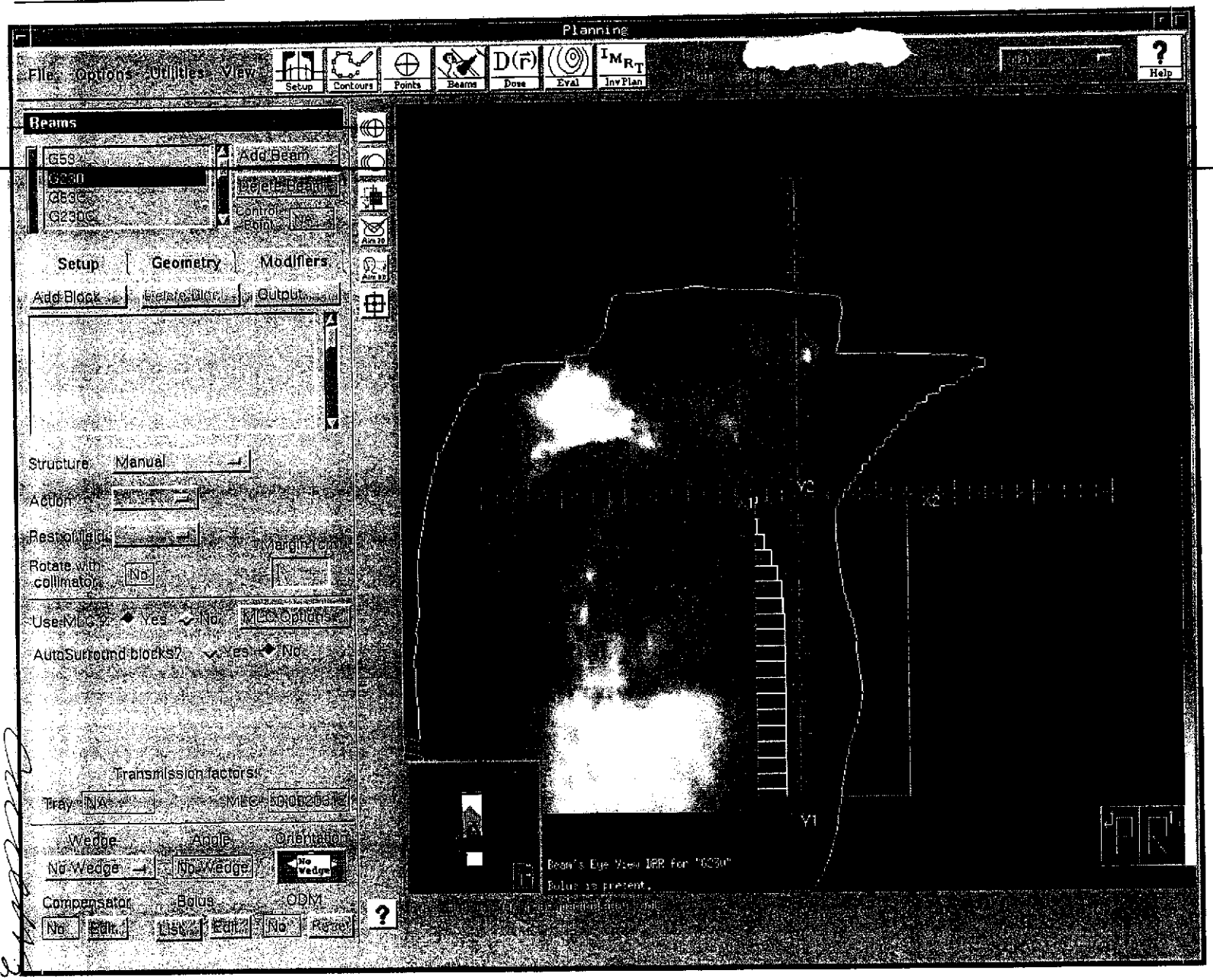
RTP System 8.0m

Patient Name: [illegible]
Patient ID:
Plan Name: stamp
Lock Status: **Not Locked**

Date/Time: Mon Dec 9 12:21:14 2013
Comment:
Physician/Physicist

Revision: R01.P01.D02
Planner:
Institution: Piani pronti

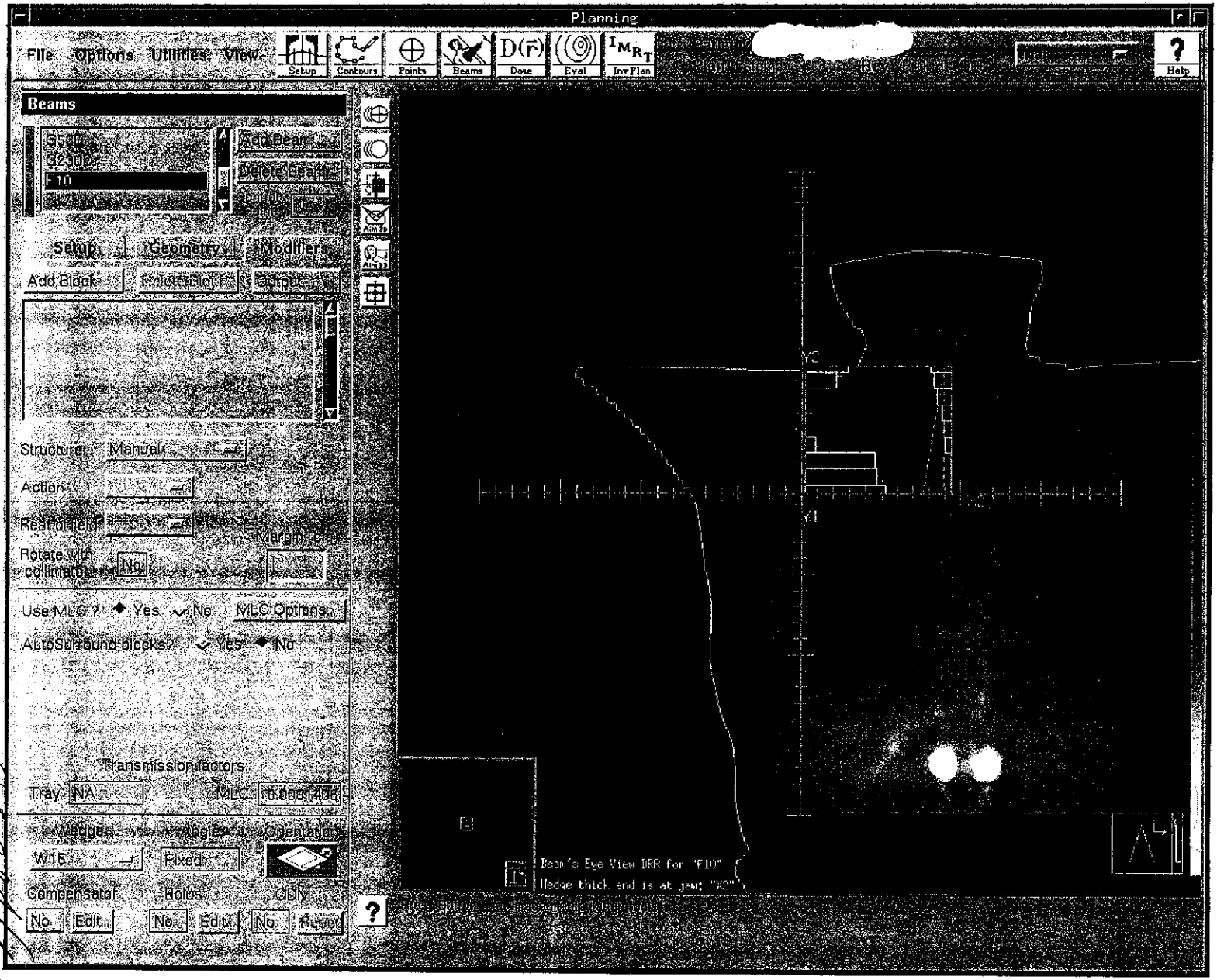
Page: 1 of 1
Scaling: Fill Page



Pinnacle³

RTP System 8.0m

Patient Name:		Date/Time: Mon Dec 9 12:21:26 2013	Revision: R01.P01.D02	Page:	1 of 1
Patient ID:		Comment:	Planner:	Scaling:	Fill Page
Plan Name:	stamp	Physician/Physicist:	Institution: Piani pronti		
Lock Status:	**Not Locked**				



Pinnacle³

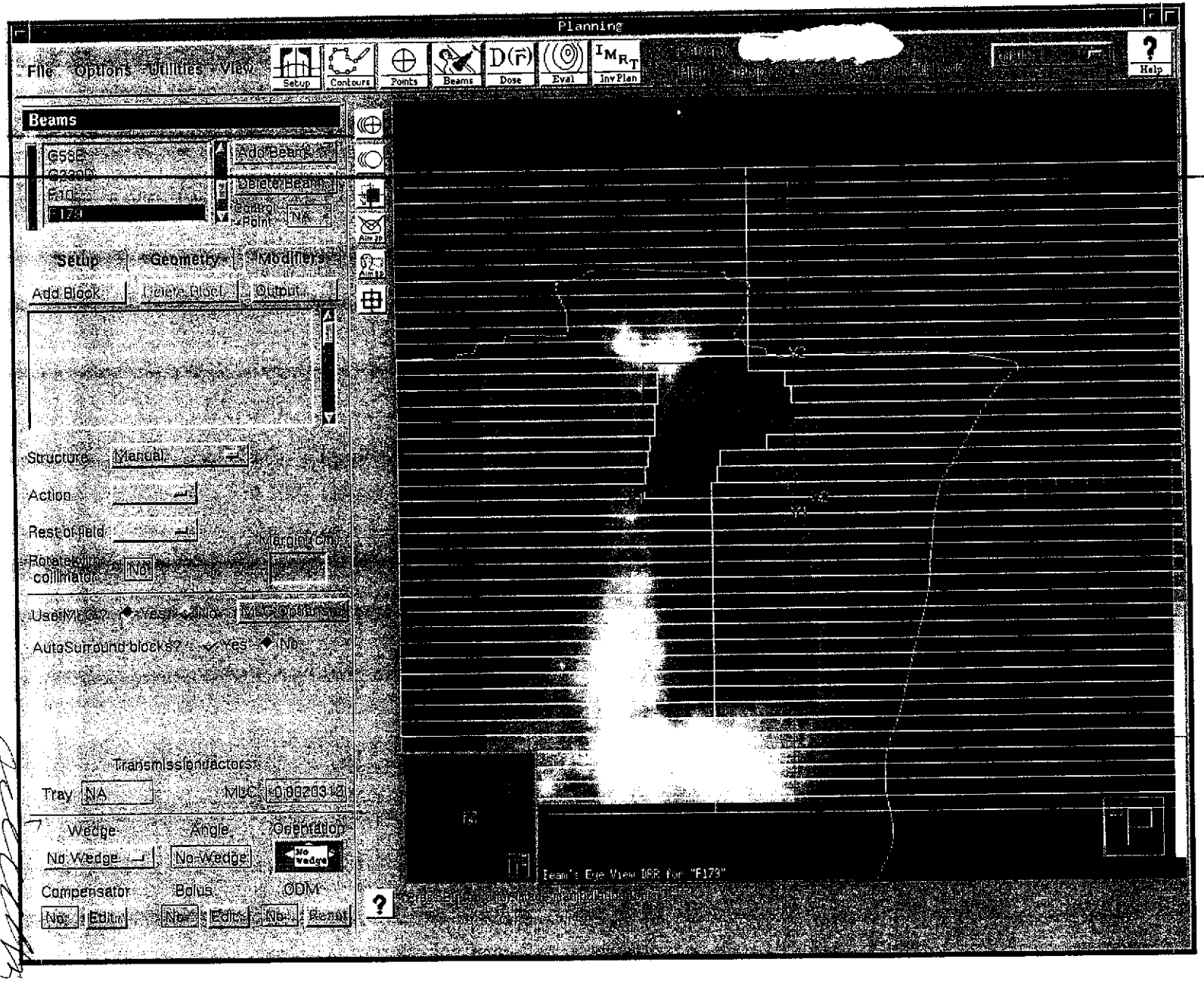
RTP System 8.0m

Patient Name:
Patient ID:
Plan Name: stamp
Lock Status: **Not Locked**

Date/Time: Mon Dec 9 12:21:39 2013
Comment:
Physician/Physicist:

Revision: R01.P01.D02
Planner:
Institution: Piani pronti

Page: 1 of 1
Scaling: Fill Page



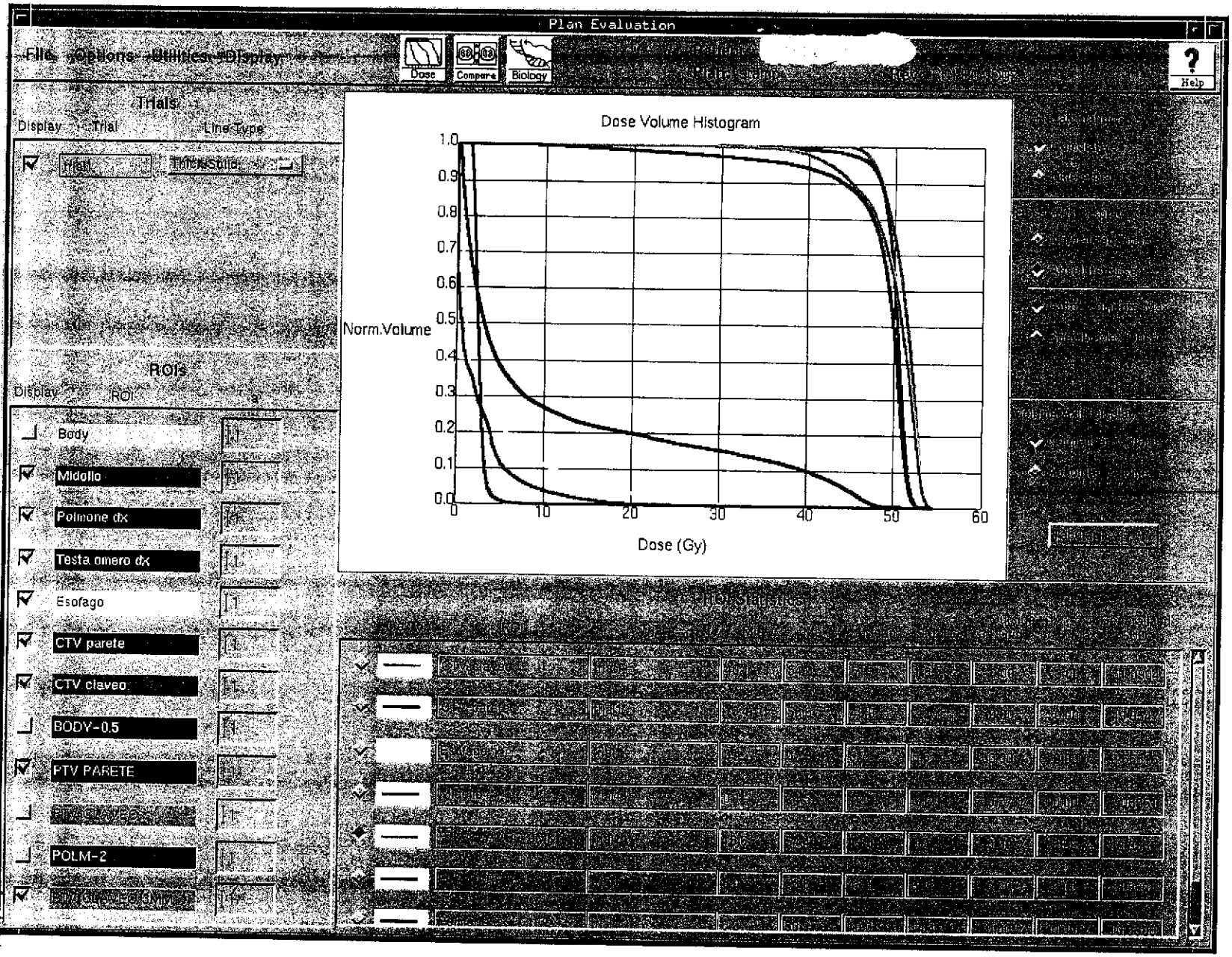
Pinnacle³

RTP System 8.0m

Patient Name:	[illegible]	Date/Time:	Mon Dec 9 12:23:26 2013	Revision:	R01.P01.D02
Patient ID:		Comment:		Planner:	
Plan Name:	stamp	Physician/Physicist:		Institution:	Piani pronti
Lock Status:	**Not Locked**				

Page: 1 of 1

Scaling: Fill Page



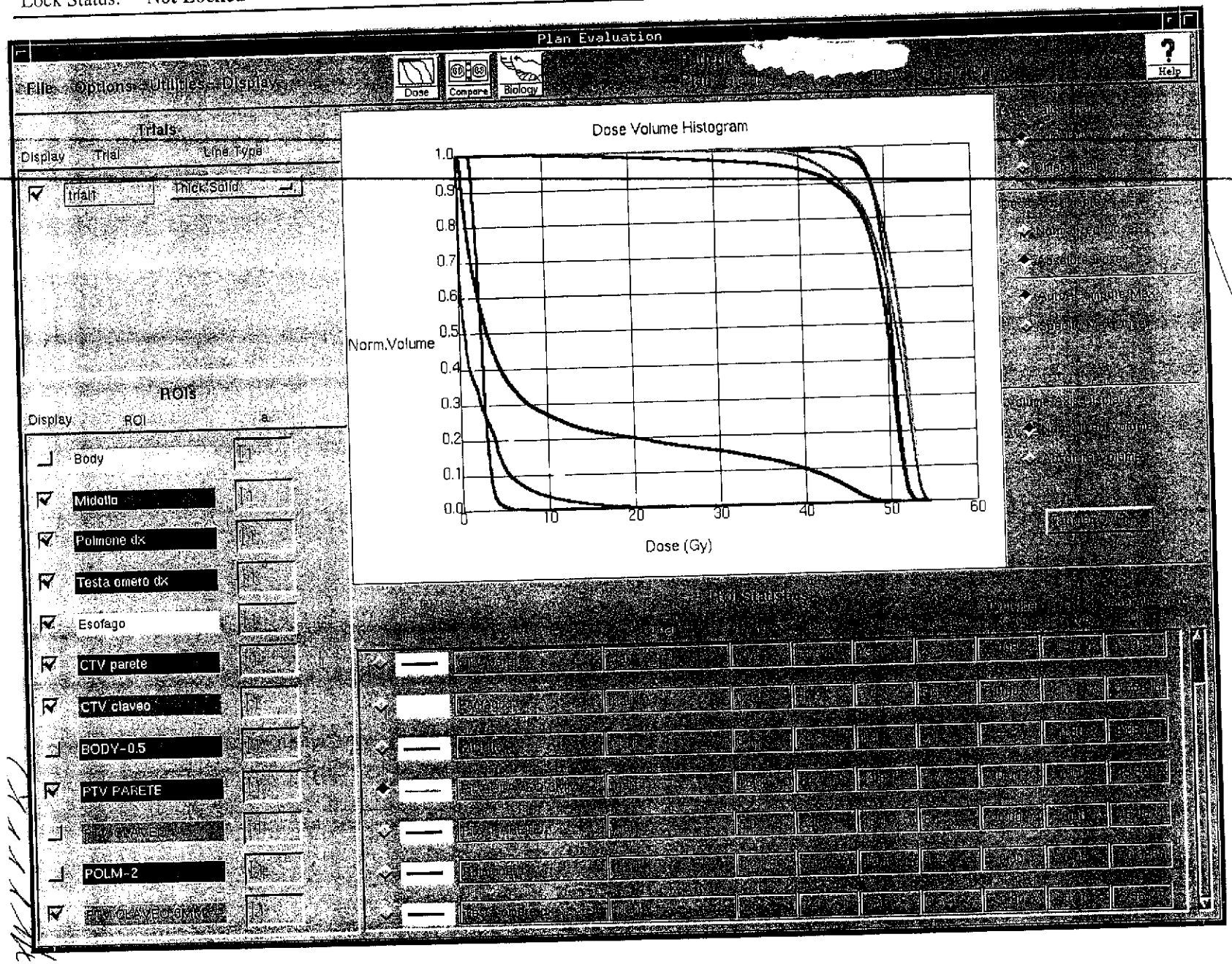
Pinnacle³

Patient Name:
Patient ID:
Plan Name: stamp
Lock Status: **Not Locked**

Date/Time: Mon Dec 9 12:23:38 2013
Comment:
Physician/Physicist:

Revision: R01.P01.D02
Planner:
Institution: Piani pronti

Scaling: Fill Page



All. 5

ASLCagliari

CONCORSO PUBBLICO, PER TITOLI ED ESAMI, PER LA COPERTURA DI N. 3 POSTI DI DIRIGENTE MEDICO NELLA DISCIPLINA DI RADIOTERAPIA

PROVA PRATICA N. 3

PROSTATA

DISCUSSIONE DELLA DOCUMENTAZIONE CARTACEA IN VISIONE

PROVA ESTRATTA

Stefano Rengo

Federica

Valeria Pi

41

Patient Name:		Date/Time:	Mon Dec 9 13:04:44 2013
Patient ID:	20130220	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Plan Summary Sheet

Beam Setup

Beam	Machine	Energy	Modality	Prescription	Isocenter	SSD (cm) Start / Avg	MU Per Fraction
G0	ONCOR1NU	6MV	Photons	Prescr	ISO	85.28 / 85.28	**155**
G72	ONCOR1NU	6MV	Photons	Prescr	ISO	83.60 / 83.60	**106**
G144	ONCOR1NU	6MV	Photons	Prescr	ISO	84.89 / 84.89	**151**
G216	ONCOR1NU	6MV	Photons	Prescr	ISO	84.89 / 84.89	**143**
G288	ONCOR1NU	6MV	Photons	Prescr	ISO	82.93 / 82.93	**140**
PV0	ONCOR1NU	6MV	Photons	PV0	ISO	85.28 / 85.28	**1**
PV90	ONCOR1NU	6MV	Photons	PV90	ISO	81.39 / 81.39	**1**

Beam	Collimators (cm) (Control Pt 1) Y2	Y1	X2	X1	Gantry Start / Stop	Couch	Coll	Block	Wedge	Bolus	Comp
G0	10.50	10.60	10.10	11.50	0.0 / 0.0	0.0	0.0	MLC	None	No	No
G72	10.80	10.60	9.60	10.60	72.0 / 72.0	0.0	0.0	MLC	None	No	No
G144	10.30	10.50	10.50	11.50	144.0/144.0	0.0	0.0	MLC	None	No	No
G216	10.40	10.60	12.80	9.50	216.0/216.0	0.0	0.0	MLC	None	No	No
G288	10.50	10.60	9.90	9.80	288.0/288.0	0.0	0.0	MLC	None	No	No
PV0	10.00	10.00	10.00	10.00	0.0 / 0.0	0.0	0.0	No	None	No	No
PV90	10.00	10.00	10.00	10.00	90.0 / 90.0	0.0	0.0	No	None	No	No

Prescriptions

Prescr

Total Monitor Units set to 695 per fraction for 31 fractions.
5 beams are assigned to this prescription.

PV0

Total Monitor Units set to 1 per fraction for 31 fractions.
1 beam is assigned to this prescription.

PV90

Total Monitor Units set to 1 per fraction for 31 fractions.
1 beam is assigned to this prescription.

Isocenter

Plan Authorization: _____

AU - S

Patient Nam		Date/Time:	Mon Dec 9 13:04:44 2013
Patient ID:	20130220	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Plan Summary Sheet Continued

ISO

Position patient such that lasers line up with patient marks.
Move the table RIGHT 0.00 cm (looking from foot of table.)
Move the table DOWN 1.00 cm.
Move the table OUT (away from the gantry) 3.00 cm.

Plan Authorization: _____

4-

Patient Name:		Date/Time:	Mon Dec 9 13:04:44 2013
Patient ID:	20130220	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Plan Setup

Data Set Name:	
Data Set Dimensions:	...ces, 512 x 512 pixels
CT to Density Table Name:	*CTNU_120kV*
Patient Position:	On back (supine) Head First
Couch:	Removed at Y = -79.52
Body Board Angle:	None
Number of Photon Beams:	7
Number of Stereo Beams:	0
Number of Electron Beams:	0
Number of Brachy Sources:	0
Outside-Patient Air Threshold:	0.60 g/cm^3

Dose Grid Geometry

	Lateral	Ant-Post	Sup-Inf	Units
Resolution	0.400	0.400	0.400	cm
Dimension	105	81	71	Pixels
Origin	-21.527	-79.161	42.871	cm

Top Slice of CT Extended:	0.00 cm
Bottom Slice of CT Extended:	0.00 cm

Region of Interest Density Overrides:

ROI	Density
(no ROI density overrides in use)	

Plan Authorization: _____

Acc. S

Patient Name:		Date/Time:	Mon Dec 9 13:04:44 2013
Patient ID:	20130220	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

	G0	*G72*	*G144*
Beam Setup			
Machine Name	*ONCORINU*	*ONCORINU*	*ONCORINU*
Machine Version	2010-03-12 14:59:59	2010-03-12 14:59:59	2010-03-12 14:59:59
Energy / Modality	6MV Photons	6MV Photons	6MV Photons
SAD (cm)	100.0	100.0	100.0
Prescription	Prescr	Prescr	Prescr
Isocenter	ISO	ISO	ISO
Beam Geometry			
Couch Angle	0.0	0.0	0.0
Gantry Angle	0.0	72.0	144.0
Collimator Angle	0.0	0.0	0.0
SSD (cm)	85.28	83.60	84.89
SSD With Bolus (cm)	--	--	--
Collimators (cm) (Control Pt 1)			
Y2	10.50	10.80	10.30
Y1	10.60	10.60	10.50
X2	10.10	9.60	10.50
X1	11.50	10.60	11.50
Y	21.10	21.40	20.80
XMLC	21.60	20.20	22.00
Modifiers			
Wedge Name	None	None	None
Wedge Orientation	--	--	--
Wedge Angle	None	None	None
Blocked/Tray #/MLC(#CP's)	Yes/MLC (17)	Yes/MLC (11)	Yes/MLC (18)
Bolus	None	None	None
Compensator	None	None	None
Opening Density Matrix	None	None	None
Dose			
Dose Engine	Adaptive Convolve	Adaptive Convolve	Adaptive Convolve
Model	All Field Sizes	All Field Sizes	All Field Sizes
Density Correction	Heterogeneous	Heterogeneous	Heterogeneous
Relative Weight (%)	22.30	15.25	21.73
Reference Point	*ISO*	*ISO*	*ISO*
Normalized Dose (ND) at Ref Pt	0.203	0.309	0.284
Collimator Output Factor (OFc)(Last CP)	0.981	1.012	1.012
MLC Transmission Factor (Last CP)	0.00203126	0.00203126	0.00203126
Total Transmission Factor (TTF)	1.000	1.000	1.000
SPD/OAD (cm)	100.00 / 0.00	100.00 / 0.00	100.00 / 0.00
SSD to Ref Pt (cm)	85.28	83.60	84.89
Ref Pt Depth / Eff Depth (cm)	14.72 / 14.58	16.40 / 17.05	15.11 / 15.04
Unblk Equiv Sq (cm / %Blkd)(Last CP)	19.0 / 45.2%	18.2 / 57.6%	19.7 / 46.4%
Meas Ref Point Dose (Gy/MU)	--	--	--
Dose at Ref/Fraction (Gy)	0.3	0.3	0.4
Number of Fractions	**31**	**31**	**31**
MU/Fraction	**155**	**106**	**151**

Plan Authorization: _____

AEK - 5

Patient Name:	
Patient ID:	20130220
Plan Name:	Copia
Trial Name:	trial1
Revision:	**R01.P01.D02**
Lock Status:	**Not Locked**

Date/Time: Mon Dec 9 13:04:44 2013
Comment:
Institution: Piani pronti
Physician/Physicist:
Planner:

	G216	*G288*	*PV0*
Beam Setup			
Machine Name	*ONCORINU*	*ONCORINU*	*ONCORINU*
Machine Version	2010-03-12 14:59:59	2010-03-12 14:59:59	2010-03-12 14:59:59
Energy / Modality	6MV Photons	6MV Photons	6MV Photons
SAD (cm)	100.0	100.0	100.0
Prescription	Prescr	Prescr	PV0
Isocenter	ISO	ISO	ISO
Beam Geometry			
Couch Angle	0.0	0.0	0.0
Gantry Angle	216.0	288.0	0.0
Collimator Angle	0.0	0.0	0.0
SSD (cm)	84.89	82.93	85.28
SSD With Bolus (cm)	--	--	--
Collimators (cm) (Control Pt 1)			
Y2	10.40	10.50	10.00
Y1	10.60	10.60	10.00
X2	12.80	9.90	10.00
X1	9.50	9.80	10.00
Y	21.00	21.10	20.00
XMLC	22.30	19.70	20.00
Modifiers			
Wedge Name	None	None	None
Wedge Orientation	--	--	--
Wedge Angle	None	None	None
Blocked/Tray #/MLC(#CP's)	Yes/MLC (16)	Yes/MLC (15)	No
Bolus	None	None	None
Compensator	None	None	None
Opening Density Matrix	None	None	None
Dose			
Dose Engine	Adaptive Convolve	Adaptive Convolve	Adaptive Convolve
Model	All Field Sizes	All Field Sizes	All Field Sizes
Density Correction	Heterogeneous	Heterogeneous	Heterogeneous
Relative Weight (%)	20.58	20.14	100.00
Reference Point	*ISO*	*ISO*	*ISO*
Normalized Dose (ND) at Ref Pt	0.308	0.233	0.929
Collimator Output Factor (OFc)(Last CP)	1.004	0.983	1.017
MLC Transmission Factor (Last CP)	0.00203126	0.00203126	-- / --
Total Transmission Factor (TTF)	1.000	1.000	1.000
SPD/OAD (cm)	100.00 / 0.00	100.00 / 0.00	100.00 / 0.00
SSD to Ref Pt (cm)	84.89	82.93	85.28
Ref Pt Depth / Eff Depth (cm)	15.11 / 15.07	17.07 / 17.56	14.72 / 14.58
Unblk Equiv Sq (cm / %Blkd)(Last CP)	19.9 / 53.7%	17.9 / 49.1%	20.0 / --
Meas Ref Point Dose (Gy/MU)	--	--	--
Dose at Ref/Fraction (Gy)	0.4	0.3	0.0
Number of Fractions	**31**	**31**	**31**
MU/Fraction	**143**	**140**	**1**

Plan Authorization: _____

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Patient Name:		Date/Time:	Mon Dec 9 13:04:44 2013
Patient ID:	20130220	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

PV90

Beam Setup

Machine Name	*ONCOR1NU*
Machine Version	2010-03-12 14:59:59
Energy / Modality	6MV Photons
SAD (cm)	100.0
Prescription	PV90
Isocenter	ISO

Beam Geometry

Couch Angle	0.0
Gantry Angle	90.0
Collimator Angle	0.0
SSD (cm)	81.39
SSD With Bolus (cm)	--

Collimators (cm) (Control Pt 1)

Y2	10.00
Y1	10.00
X2	10.00
X1	10.00
Y	20.00
XMLC	20.00

Modifiers

Wedge Name	None
Wedge Orientation	--
Wedge Angle	None
Blocked / Tray #	No
Bolus	None
Compensator	None
Opening Density Matrix	None

Dose

Dose Engine	Adaptive Convolve
Model	All Field Sizes
Density Correction	Heterogeneous
Relative Weight (%)	100.00
Reference Point	*ISO*
Normalized Dose (ND) at Ref Pt	0.783
Collimator Output Factor (OFc)(Last CP)	1.017
Tray / Block & Tray Factor	-- / --
Total Transmission Factor (TTF)	1.000
SPD/OAD (cm)	100.00 / 0.00
SSD to Ref Pt (cm)	81.39
Ref Pt Depth / Eff Depth (cm)	18.61 / 19.96
Unblk Equiv Sq (cm / %Blkd)(Last CP)	20.0 / --
Meas Ref Point Dose (Gy/MU)	--
Dose at Ref/Fraction (Gy)	0.0
Number of Fractions	**31**
MU/Fraction	**1**

Plan Authorization: _____

Patient Name:
Patient ID: 20130220
Plan Name: Copia
Trial Name: trial1
Revision: **R01.P01.D02**
Lock Status: **Not Locked**

Date/Time: Mon Dec 9 13:04:44 2013
Comment:
Institution: Piani pronti
Physician/Physicist:
Planner:

IMRT Summary

Objectives

ROI	Type	Constraint	Target (Gy)	Volume (%)	Variation (%)	Weight (%)	Objective Value	a	gEUD (Gy)
EVAL 71.3	Uniform Dose	No	71.30	--	--	1.00	0.0005	--	--
EVAL 71.3	Max Dose	No	75.00	--	--	1.00	0.0000	--	--
EVAL 71.3	Min DVH	No	67.80	98.0	--	50.00	0.0000	--	--
DIFF 2-1	Uniform Dose	No	62.00	--	--	1.00	0.0006	--	--
DIFF 2-1	Max Dose	No	65.10	--	--	1.00	0.0000	--	--
EVAL 62	Min DVH	No	58.90	98.0	--	30.00	0.0000	--	--
DIFF 3-2	Uniform Dose	No	49.60	--	--	1.00	0.0005	--	--
DIFF 3-2	Max Dose	No	52.10	--	--	1.00	0.0000	--	--
EVAL 49.6	Min DVH	No	47.12	98.0	--	90.00	0.0000	--	--
BODY-TARGET	Max Dose	No	44.60	--	--	5.00	0.0016	--	--
retto	Max EUD	No	47.00	--	--	1.00	0.0000	1.000	47.072
bulbo	Max EUD	No	58.00	--	--	0.30	0.0001	1.000	60.309
ROI_2	Min Dose	No	67.70	--	--	30.00	0.0000	--	--

Composite objective value: 0.00327539

Optimization

Beam Name	Optimization Type
G0	DMPO
G72	DMPO
G144	DMPO
G216	DMPO
G288	DMPO
PV0	None
PV90	None

Maximum iterations: 30
Convolution dose iteration: 10
Stopping tolerance: 1.0e-05
Tumor overlap fraction (%): NA
MLC delivery: Yes

DMPO

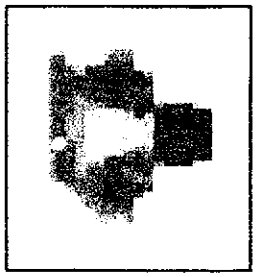
Maximum number of segments: 77
Minimum segment area (Sq cm): 4.00
Minimum segment MUs: 4.00
Leaf/Field edge overlap (cm): 0.50
Minimum overlap distance for beam splitting (cm): 2.00

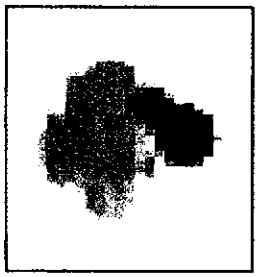
Plan Authorization:

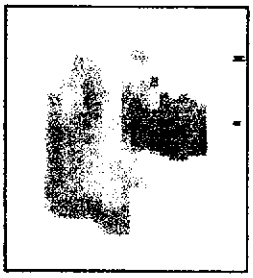
Acc. 7

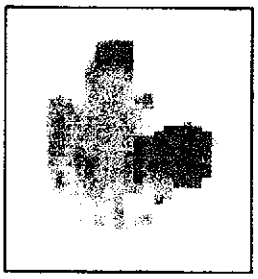
Patient Name:		Date/Time:	Mon Dec 9 13:04:57 2013
Patient ID:	20130220	Comment:	
Plan Name:	Copia	Institution:	Piani pronti
Trial Name:	trial1	Physician/Physicist:	
Revision:	**R01.P01.D02**	Planner:	
Lock Status:	**Not Locked**		

Deliverable ODM

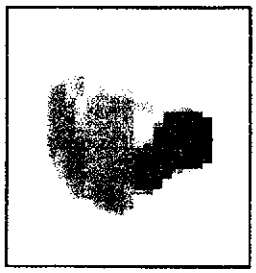








Beam Name (#CPs)	G0 (17)	G72 (11)	G144 (18)	G216 (16)
Machine Name	ONCOR1NU	ONCOR1NU	ONCOR1NU	ONCOR1NU
Energy / Modality	6MV Photons	6MV Photons	6MV Photons	6MV Photons
Couch /Gantry /Collimator	0.0/ 0.0/ 0.0	0.0/ 72.0/ 0.0	0.0/ 144.0/ 0.0	0.0/ 216.0/ 0.0
Jaw Positions	Y2 (10.5)/ Y1 (10.6)	Y2 (10.8)/ Y1 (10.6)	Y2 (10.3)/ Y1 (10.5)	Y2 (10.4)/ Y1 (10.6)
	X2 (10.1)/ X1 (11.5)	X2 (9.6)/ X1 (10.6)	X2 (10.5)/ X1 (11.5)	X2 (12.8)/ X1 (9.5)
	Y (21.1)	Y (21.4)	Y (20.8)	Y (21.0)
	XMLC (17.6)	XMLC (16.1)	XMLC (18.7)	XMLC (19.0)
MU/Fraction	155	106	151	143



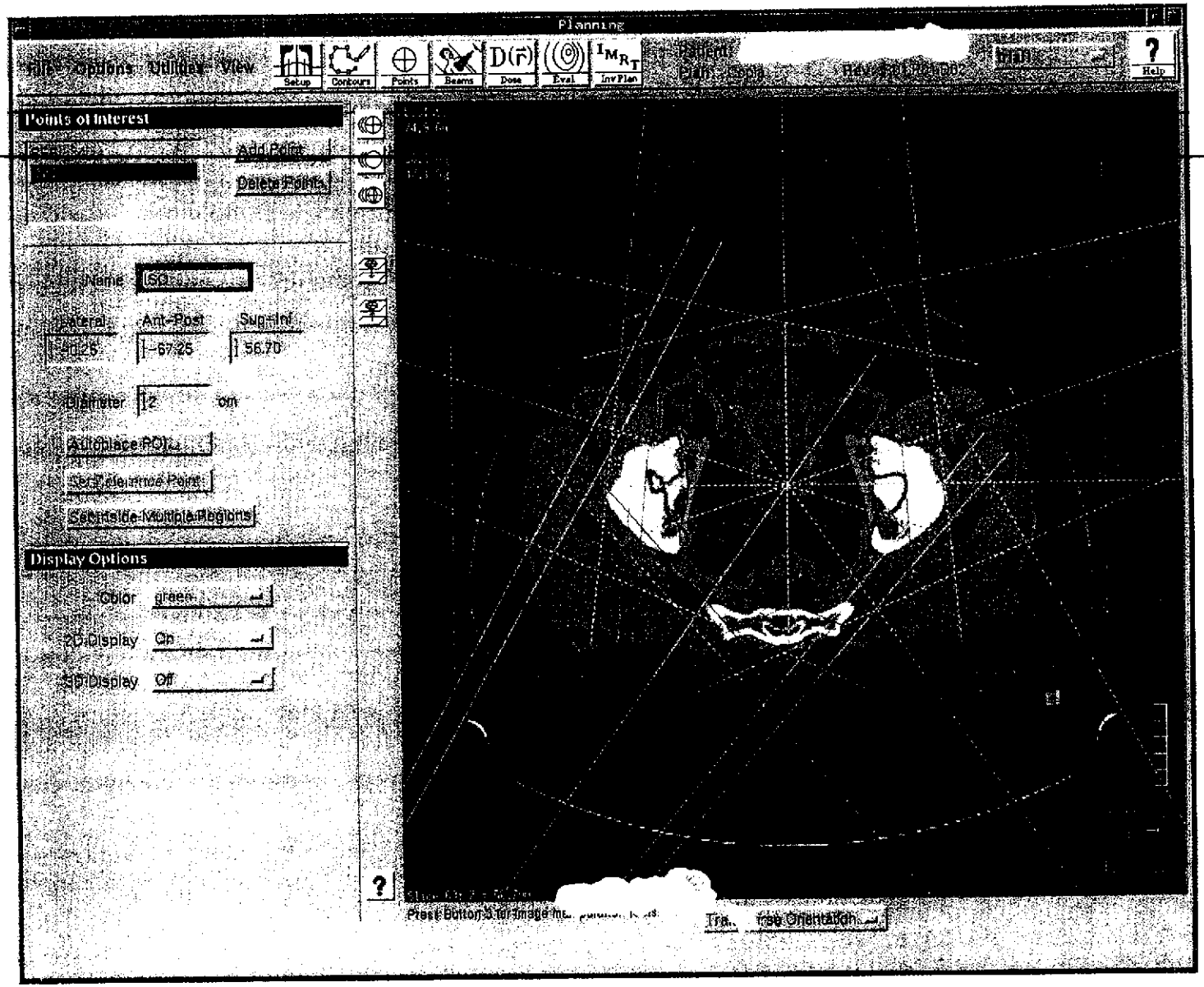
Beam Name (#CPs)	G288 (15)
Machine Name	ONCOR1NU
Energy / Modality	6MV Photons
Couch /Gantry /Collimator	0.0/ 288.0/ 0.0
Jaw Positions	Y2 (10.5)/ Y1 (10.6)
	X2 (9.9)/ X1 (9.8)
	Y (21.1)
	XMLC (16.1)
MU/Fraction	140

Plan Authorization: _____

up

Pinnacle³

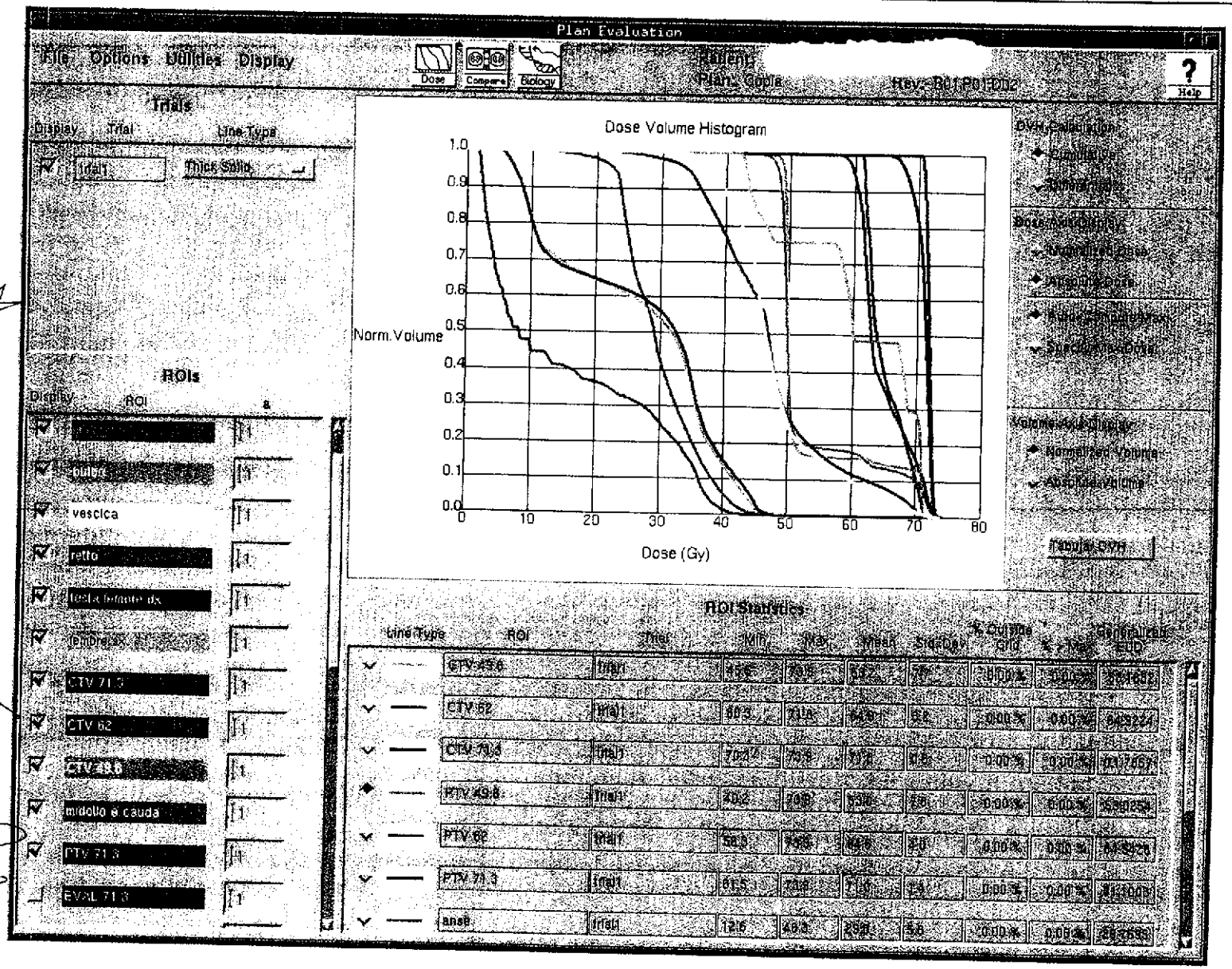
Patient Name:		Date/Time: Mon Dec 9 13:05:26 2013	Revision: R01.P01.D02	Page:	1
Patient ID:	[redacted]	Comment:	Planner:	Scaling:	F
Plan Name:	Copia	Physician/Physicist.	Institution: Piani pronti		
Lock Status:	**Not Locked**				



Pinnacle³

RTP System 8.0m

Patient Name		Date/Time: Mon Dec 9 13:08:21 2013	Revision: R01.P01.D02	Page:	1 of 1
Patient ID:	20130220	Comment:	Planner:	Scaling:	Fill Page
Plan Name:	Copia	Physician/Physicist:	Institution: Piani pronti		
Lock Status:	**Not Locked**				



Ad. 5

Pinnacle³

Patient Name
Patient ID: 20130220
Plan Name: Copia
Lock Status: **Not Locked**

Date/Time: Mon Dec 9 13:06:15 2013
Comment:
Physician/Physicist:

Revision: R01.P01.D02
Planner:
Institution: Piani pronti

Page: 1 of 1
Scaling: Fill Page

Plan Evaluation

File Options Utilities Display

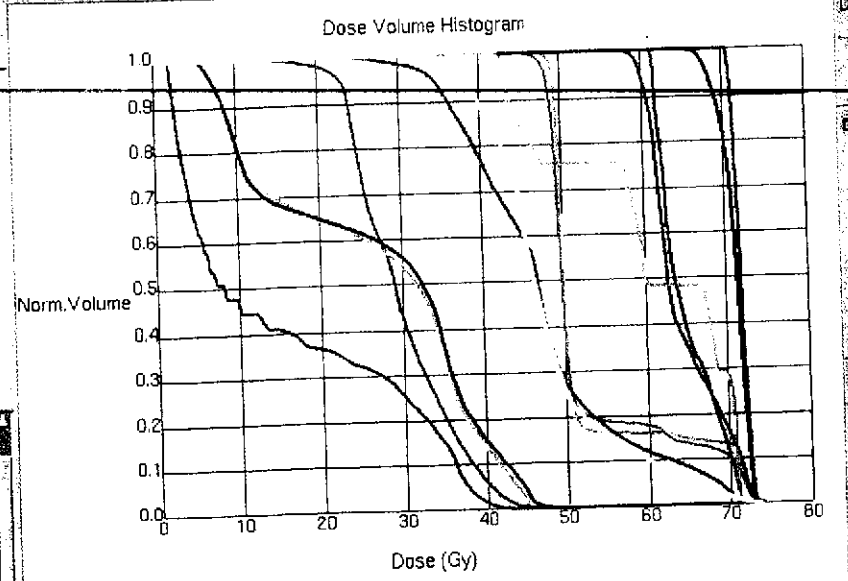
Dose Compare Biology

Patient:
Plan: Copia
rev. R01.P01.D02

Help

Trials

Display	Trial	Line Type
☑	trial1	Thick Solid



DVH Calculation
Cumulative
Differential

Dose Axis Display
Normalized Dose
Absolute Dose
Auto-Compute Max
Specify Max Dose

Volume Axis Display
Normalized Volume
Absolute Volume

ROIs

Display	ROI	R
☑	[illegible]	1
☑	bulbo	1
☑	vescica	1
☑	retto	1
☑	testa femore dx	1
☑	[illegible]	1
☑	CTV 71.3	1
☑	CTV 63	1
☑	CTV 49.0	1
☑	midollo e cauda	1
☑	PTV 71.3	1
☑	EVAL 71.3	1

ROI Statistics

Line Type	ROI	Trial	Min	Max	Mean	Std Dev	[illegible]	[illegible]	[illegible]
	anus	trial1	[illegible]	[illegible]	[illegible]	[illegible]	0.00 %	0.00 %	[illegible]
	bulbo	trial1	42.0	71.4	50.6	10.3	0.00 %	0.00 %	[illegible]
	femore sx	trial1	47	51.0	49.5	1.0	0.00 %	0.00 %	[illegible]
	midollo e cauda	trial1	3.6	42.8	8.9	13.5	42.75 %	0.00 %	[illegible]
	retto	trial1	21.5	22.2	21.1	0.5	0.00 %	0.00 %	[illegible]
	testa femore dx	trial1	4.5	47.7	26.8	13.2	0.00 %	0.00 %	26.7668
	vescica	trial1	30.6	72.9	47.9	7.5	0.00 %	0.00 %	47.8807

Ad

Carlo Mas

Ad. 5

Pinnacle³

RTP System 8.0m

Patient Name:		Date/Time: Mon Dec 9 13:09:25 2013	Revision: R01.P01.D02	Page:	1 of 1
Patient ID:	20150220	Comment:	Planner:	Scaling:	Fill Page
Plan Name:	Copia	Physician/Physicist	Institution: Piani pronti		
Lock Status:	**Not Locked**				

Viewing Window Set [5-6] Pinnacle v8.0m

File Options Global 2D Help

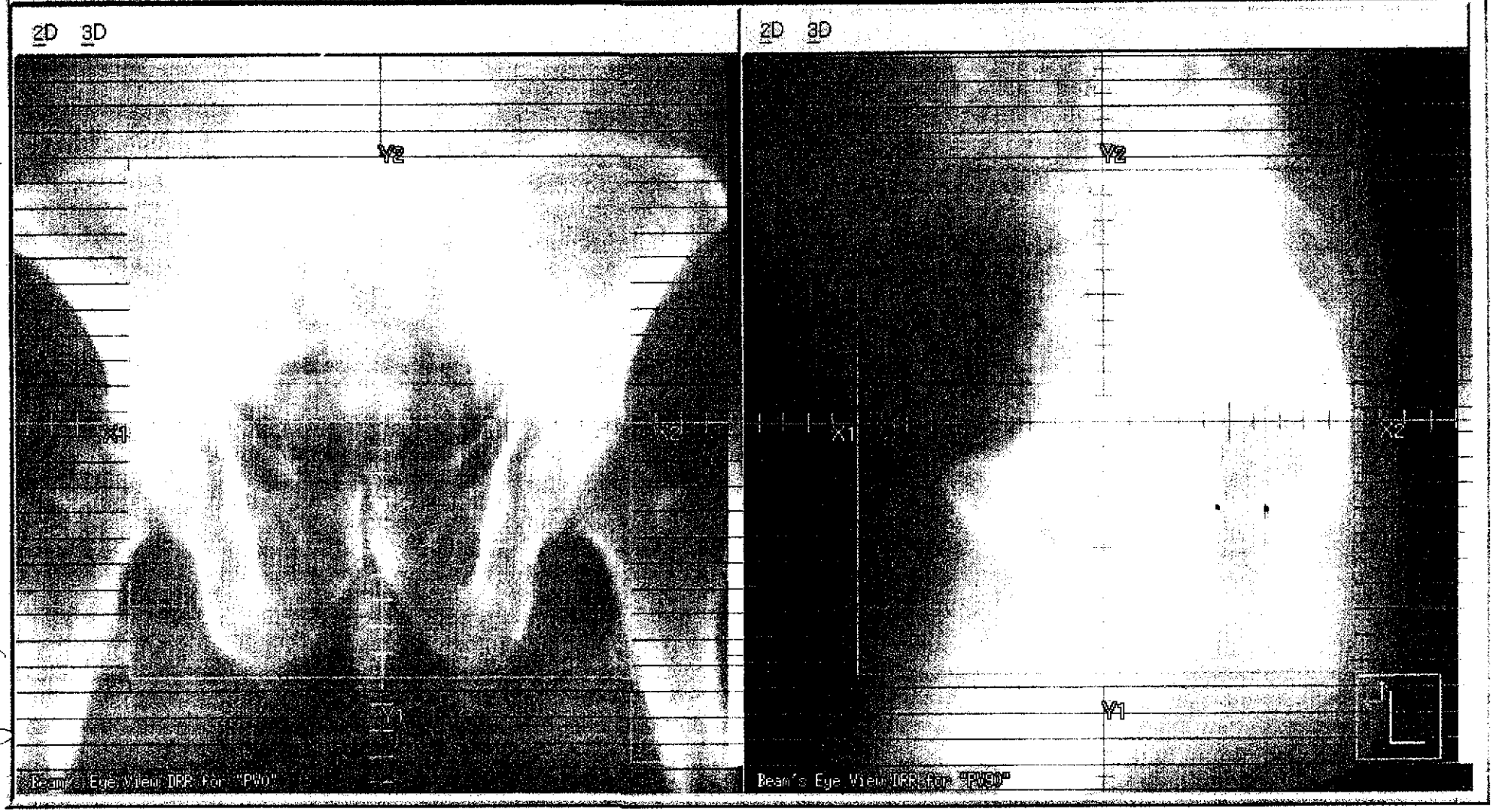


TABELLA "A"

CONCORSO PUBBLICO PER TITOLI ED ESAMI PER LA COPERTURA
DI N. 3 POSTI DI DIRIGENTE MEDICO
DI RADIOTERAPIA

ESITI PROVA PRATICA 11/12/2013

N.	COGNOME	NOME	DATA NASCITA	PROVA PRATICA	ESITO
1	CARAI	ALESSANDRO M.	14/11/1971	24/30	AMMESSO
2	CARAVATTA	LUCIANA	29/11/1976	29/30	AMMESSO
3	ESPOSITO	IRMA	03/11/1972	18/30	NON AMMESSO
4	FARDELLA	CATERINA	17/07/1981	18/30	NON AMMESSO
5	FERSINO	SERGIO	31/07/1980	28/30	AMMESSO
6	GIAMMARINO	DANIELA	17/12/1971	23/30	AMMESSO
7	MAROGNA	STEFANIA	04/01/1964	24/30	AMMESSO
8	NAITANA	ALESSANDRA	03/05/1981	18/30	NON AMMESSO
9	PICCIAU	VALENTINA	04/06/1975	25/30	AMMESSO
10	PIRAS	DENISE	22/07/1980	25/30	AMMESSO
11	PITTAU	PIERLUIGI	06/05/1974	22/30	AMMESSO
12	SCHIRRA	VALERIA	14/10/1973	24/30	AMMESSO
13	VARRASSI	EMILIA	15/03/1983	21/30	AMMESSO
14	VIGO	FEDERICA	01/08/1979	29/30	AMMESSO

ALLEGATO ALLA DELIBERAZIONE
N. 71 DEL 24 GEN. 2014
IL DIRETTORE AMMINISTRATIVO (Dott. Sergio Salis)
IL DIRETTORE SANITARIO (Dott. Ugo Storelli)
IL DIRETTORE GENERALE (Dott. Emilio Simeone)

IL PRESENTE ALLEGATO E' COMPOSTO DI N° 54 FOGLI.
IL RESPONSABILE DEL SERVIZIO PERSONALE (Dr.ssa Patrizia Sollai)

Rel. S.

30