Plan Report

Patient data

Patient ID	012345678910
Patient name	Phantom Lunge
Patient gender	Other
Patient birth date	08 Dec 1987
Treatment planning system	RayStation 4.5.0.19
Structure set UID	1.2.826.0.1.3680043.8.176.201581392252434.246.5555341432
Structure set approval data	
Approved	No
Approved by	-
Approval time	-

Treatment plan data

Treatment plan name	10x10_1
Plan last save time	13 Aug 2015, 09:27:15 (hr:min:sec)
Planned by	
Number of beam sets	1
Patient treatment position	HFS : Head First Supine
Treatment plan approval data	
Approved	No
Approved by	-
Approval time	-
Plan comment	
Planning image set	CT 62
CT to density table	DKFZ_HLUT 03 Apr 2012, 10:28:06 (hr:min:sec)
Patient scanning position	HFS
External ROI	External

General data

Treatment planning system	RayStation 4.5.0.19
Report creation time	13 Aug 2015, 16:32:27 (hr:min:sec)
Template name	RayStation treatment plan report
Patient coordinate system	IEC 61217

Density override

No density override

Beam Set overview

Beam Set name	10x10_1
Treatment technique	3D-CRT
Treatment unit	ARTISTE3
Number of beams	1

Warnings [10x10_1]

- The geometry 'ITV2_3_4' is derived and depends on geometries that are empty.
  The geometry 'PTV_CT38' is derived and depends on geometries that are empty.
  The geometry 'PTV_38' is derived and depends on geometries that are empty.
  The geometry 'ITV_Ct50' is derived and depends on geometries that are empty.
  The geometry 'PTV_50' is derived and depends on geometries that are empty.

Signatures

Signature 1 (Name/Signature/Date)

Signature 2 (Name/Signature/Date)

Beam Set Report

Beam Set data

Beam Set name	10x10_1
Modality	Photons
Treatment technique	3D-CRT
Number of beams	1
Number of segments	1
DICOM Plan UID	1.2.826.0.1.3680043.8.176.201581392715183.251.6545714048
Planning image set	CT 62
CT to density table	DKFZ_HLUT 03 Apr 2012, 10:28:06 (hr:min:sec)
Treatment unit	ARTISTE3
Commission time	05 Nov 2014, 10:34:16 (hr:min:sec)
Treatment machine scale	IEC 61217
Jaw labeling standard	IEC 61217
Energy [MV]	6.00
Dose calculation algorithm	Collapsed Cone, Version 3.0
Density calculation algorithm version	2.0
MU per fraction	466.21
Number of fractions	1
ROI(s) with density override	
Beam set approval data	
Approved	No
Approved by	-
Approval time	-

Beam Data Overview [Right-Left: 0.44 Inf-Sup: 0.47 Post-Ant: 25.99]

#	Beam name	Number of segments	Maximum jaw aperture [cm] Y1	Y2	Gantry angle [deg]	Coll. angle [deg]	Couch angle [deg]	MU per fraction	Bolus [Y/N]	Block [Y/N]
1	1-b1	1	-5.00	5.00	0.0	0.0	0.0	466.21	N	N

Objectives

No objectives defined

Constraints

No constraints defined

Prescription

Prescription	4.00 Gy to point dose at iso
Value [Gy]	4.00
Fulfilled	Yes
Relates to beam set dose	

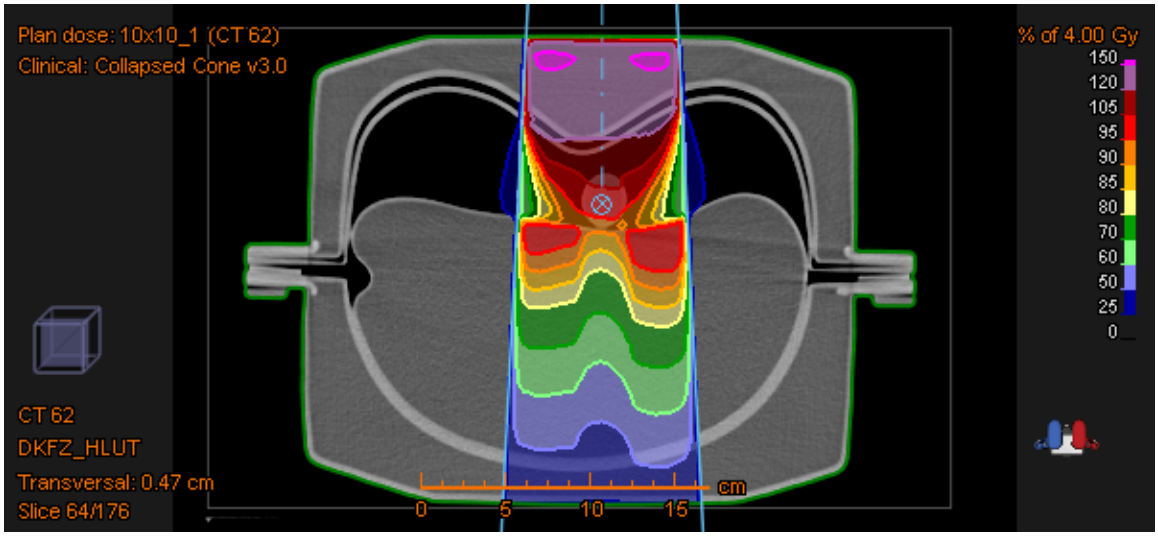
Patient setup

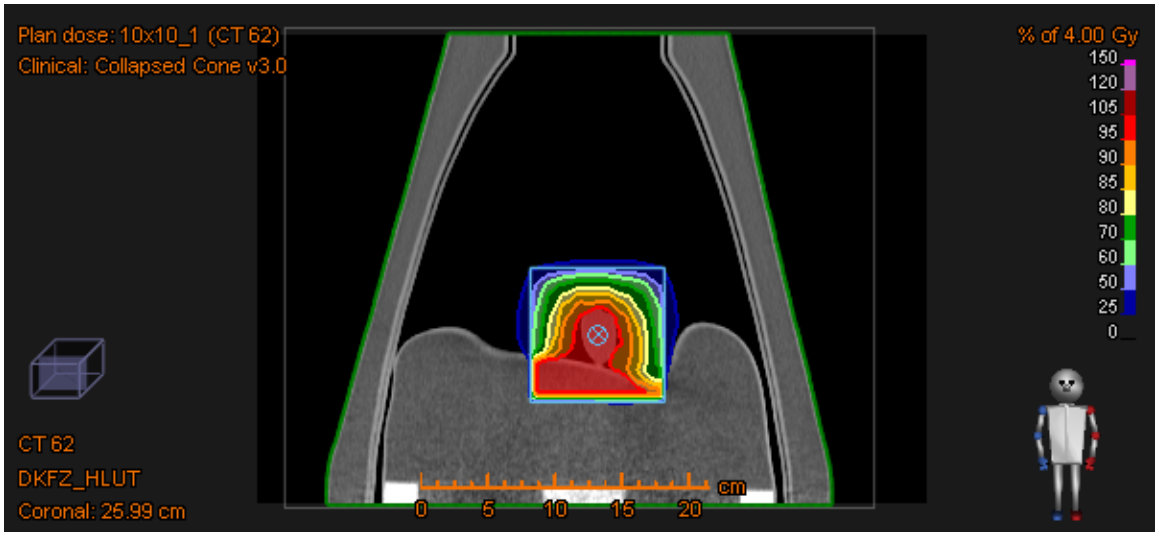
Localization point	
Treatment position	HFS : Head First Supine
POI	RefPunkt
Position [cm]	X(Right-Left) = 0.15 , Y(Inf-Sup) = 3.07 , Z(Post-Ant) = 17.1
Patient setup	
Beams	1-b1
Isocenter [cm]	X(R-L) = 0.44 , Y(I-S) = 0.47 , Z(P-A) = 25.99
Localization point - Isocenter [cm]	X(R-L) = -0.29 , Y(I-S) = 2.6 , Z(P-A) = -8.89

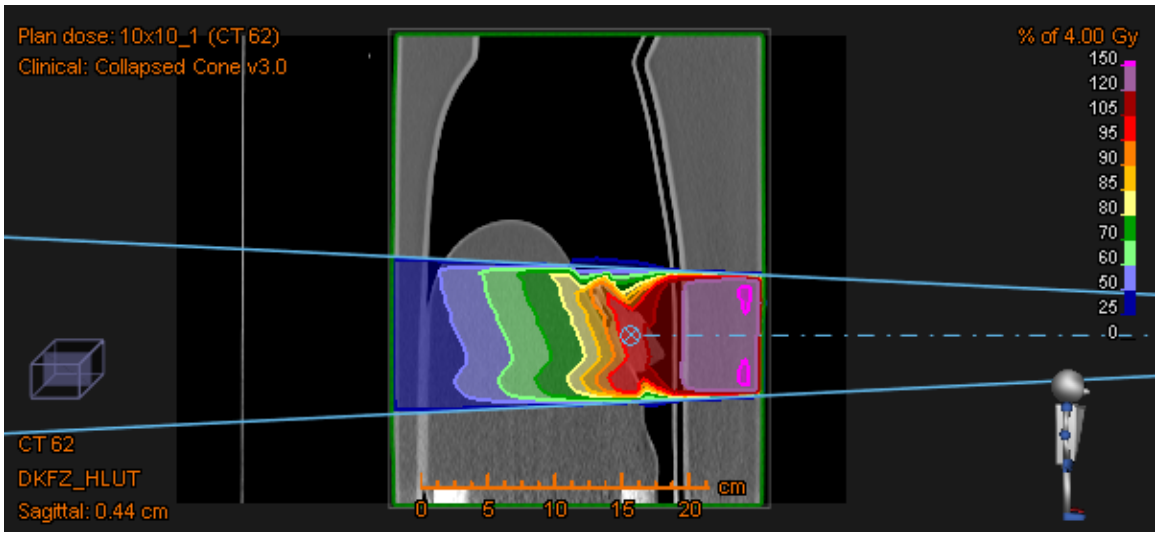
Position patient such that lasers line up with patient marks.
Move the couch according to the PATIENT coordinate system:
- RIGHT 0.29 cm (patient's right)
- SUPERIOR 2.6 cm
- POSTERIOR 8.89 cm

Beamset dose data

Isocenter [cm]	Right-Left: 0.44 Inf-Sup: 0.47 Post-Ant: 25.99
Dose grid resolution [cm]	Right-Left: 0.20 Inf-Sup: 0.20 Post-Ant: 0.20
Beams	1-b1





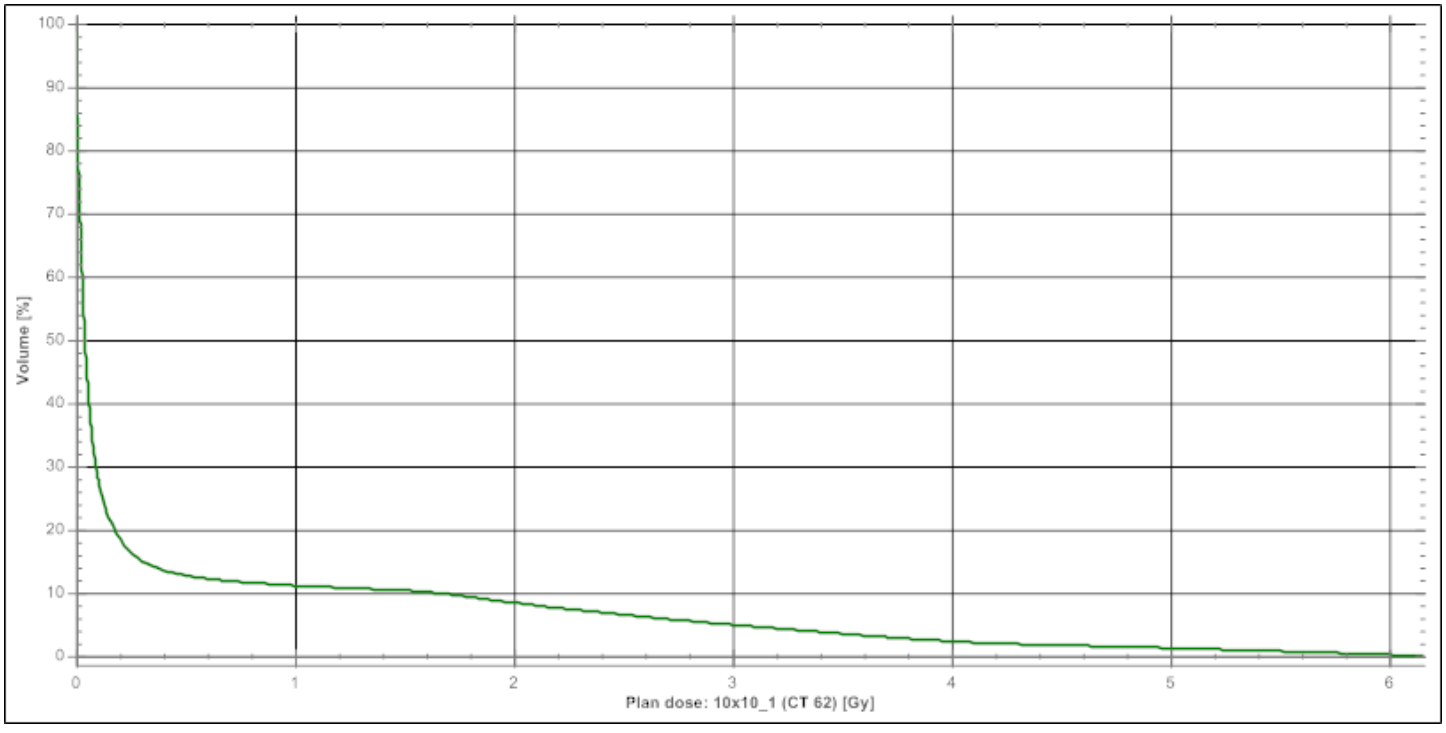


Points Of Interest

		Beam isocenters [cm]	Point - Isocenter [cm]
Name	**RefPunkt**	**Right-Left: 0.44**	**Right-Left: -0.29**
Type	**Localization point**	**Inf-Sup: 0.47**	**Inf-Sup: 2.60**
Dose [Gy]	**2.63 [Interpolated]**	**Post-Ant: 25.99**	**Post-Ant: -8.89**
Location [cm]	**Right-Left: 0.15** **Inf-Sup: 3.07** **Post-Ant: 17.1**		
Name	**Iso**		
Type	**Isocenter**		
Dose [Gy]	**0.00 [Interpolated]**		
Location [cm]	**N/A**		
Name	**iso**	**Right-Left: 0.44**	**Right-Left: 0.00**
Type	**Isocenter**	**Inf-Sup: 0.47**	**Inf-Sup: 0.00**
Dose [Gy]	**4.00 [Interpolated]**	**Post-Ant: 25.99**	**Post-Ant: 0.00**
Location [cm]	**Right-Left: 0.44** **Inf-Sup: 0.47** **Post-Ant: 25.99**		

Clinical goals

There are no clinical goals



POI Dose statistics [Beam Set dose]

Dose	POI	Dose [Gy]	Position		
			Right-Left: [cm]	Inf-Sup: [cm]	Post-Ant: [cm]
Plan dose: 10x10_1 (CT 62)	RefPunkt	2.63	0.15	3.07	17.1
Plan dose: 10x10_1 (CT 62)	Iso	-	-	-	-
Plan dose: 10x10_1 (CT 62)	iso	4.00	0.44	0.47	25.99

ROI Dose statistics [Beam Set dose]

Name	Volume [cm³]	D99 [Gy]	D98 [Gy]	D95 [Gy]	Average [Gy]	D50 [Gy]	D2 [Gy]	D1 [Gy]	% outside grid
External	28676.68	0.00	0.00	0.00	0.40	0.04	4.19	5.26	0
GTV									-
ITV									-
ITV_38									-
ITV_50									-
ITV_CT38									-
ITV_Ct50									-
ITV2									-
ITV2_3									-
ITV2_3_4									-
ITV3									-
ITV4									-
PTV									-
PTV_38									-
PTV_50									-
PTV_CT 38->CT 41									-
PTV_CT 38->CT 42									-
PTV_CT 38->CT 43									-
PTV_CT 38->CT 44									-
PTV_CT 38->CT 44 (1)									-
PTV_CT 38->CT 45									-
PTV_CT 38->CT 46									-
PTV_CT 38->CT 46 (1)									-
PTV_CT 38->CT 47									-
PTV_CT 38->CT 48									-
PTV_CT 38->CT 49									-
PTV_CT 38->CT 49 (1)									-
PTV_CT38									-
Tumor									-

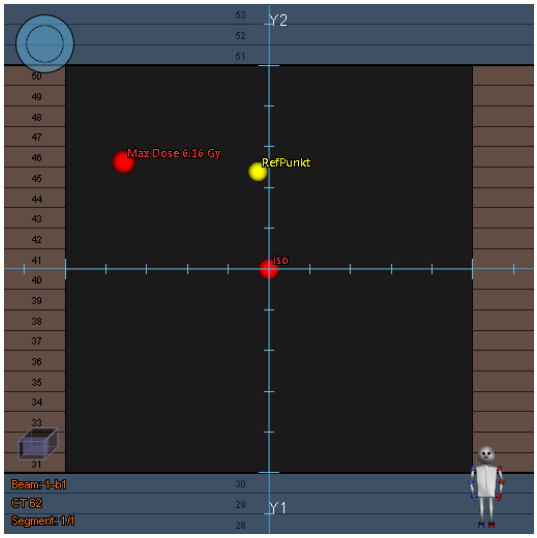
External — This ROI is set as the external ROI that defines the outer border of the patient

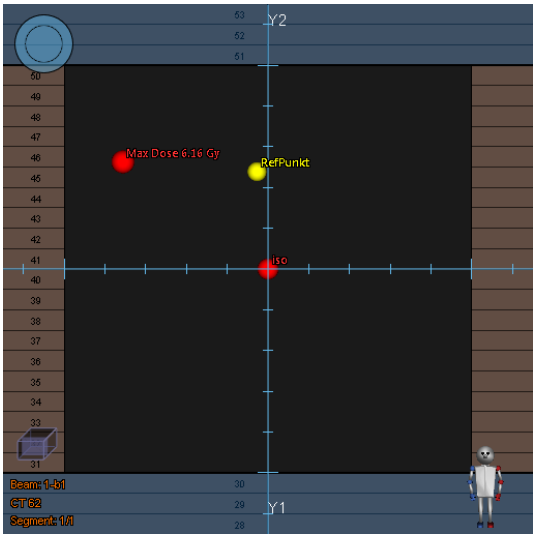
Beam data

Beam name	1-b1
Beam number	1
Beam description	
Patient coordinate system	IEC 61217
Isocenter [cm]	Right-Left: 0.44 Inf-Sup: 0.47 Post-Ant: 25.99
Gantry angle [deg]	0.0
Collimator angle [deg]	0.0
Couch angle [deg]	0.0
Treatment technique	3D-CRT
Number of fractions	1
Beam MU/fraction	466.21
Total beam MU	466.21
Beam weight	1.00
Number of segments	1
Dose calculation algorithm	Collapsed Cone, Version 3.0
Treatment unit	ARTISTE3
Commission time	05 Nov 2014, 10:34:16 (hr:min:sec)
Energy [MV]	6.00
Jaw max aperture width [cm]	-
X1 [cm]	-
X2 [cm]	-
Jaw max aperture height [cm]	10.00
Y1 [cm]	-5.00
Y2 [cm]	5.00
Source to skin distance (isocenter) [cm]	90.09
Source to surface distance (isocenter) [cm]	90.09
Bolus data	
No bolus	

Beam dose specification point

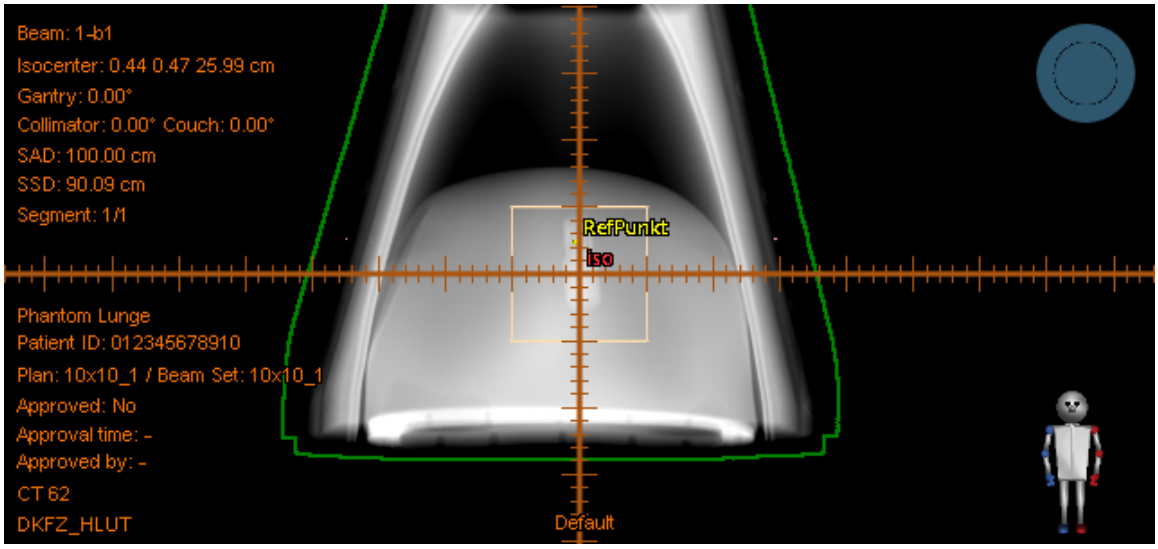
Coordinates [cm]	Isocenter
Dose per fraction [Gy]	4.000
Physical depth [cm]	9.91
Water equivalent depth [cm]	8.57
Source to skin distance [cm]	90.09
Source to surface distance [cm]	90.09





Segments

Seg. No.	MU/Fraction	Jaw positions [cm] Y1	Y2
1	466.21	-5.00	5.00


Beam: 1-b1
Isocenter: 0.44 0.47 25.99 cm
Gantry: 0.00°
Collimator: 0.00° Couch: 0.00°
SAD: 100.00 cm
SSD: 90.09 cm
Segment: 1/1
RefPunkt
Iso
Phantom Lunge
Patient ID: 012345678910
Plan: 10x10_1 / Beam Set: 10x10_1
Approved: No
Approval time: -
Approved by: -
CT 62
DKFZ_HLUT
Default

Import log

13 May 2015, 12:59:57 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
13 May 2015, 13:00:03 (hr:min:sec)	AD\meduser	DICOM import succeeded
13 May 2015, 13:11:13 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
13 May 2015, 13:12:10 (hr:min:sec)	AD\meduser	DICOM import succeeded
13 May 2015, 13:12:10 (hr:min:sec)	AD\meduser	Please note the following warnings / assumptions:
13 May 2015, 13:12:10 (hr:min:sec)	AD\meduser	#1 Patient's Name differed from the current patient. Name of current patient: Lunge^Phantom Mismatching names from imported data: LUNGE^PHANTOM
10 Jun 2015, 15:17:56 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
10 Jun 2015, 15:18:01 (hr:min:sec)	AD\meduser	DICOM import succeeded
10 Jun 2015, 15:18:01 (hr:min:sec)	AD\meduser	Please note the following warnings / assumptions:
10 Jun 2015, 15:18:01 (hr:min:sec)	AD\meduser	#1 Patient's Name differed from the current patient. Name of current patient: Lunge^Phantom Mismatching names from imported data: LUNGE^PHANTOM
17 Jun 2015, 14:31:35 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
17 Jun 2015, 14:31:38 (hr:min:sec)	AD\meduser	DICOM import succeeded
17 Jun 2015, 15:21:43 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
17 Jun 2015, 15:22:28 (hr:min:sec)	AD\meduser	DICOM import succeeded
17 Jun 2015, 15:22:28 (hr:min:sec)	AD\meduser	Please note the following warnings / assumptions:
17 Jun 2015, 15:22:28 (hr:min:sec)	AD\meduser	#1 Patient's Name differed from the current patient. Name of current patient: Lunge^Phantom Mismatching names from imported data: LUNGE^PHANTOM
29 Jul 2015, 13:17:38 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
29 Jul 2015, 13:17:44 (hr:min:sec)	AD\meduser	DICOM import succeeded
29 Jul 2015, 15:42:36 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
29 Jul 2015, 15:42:49 (hr:min:sec)	AD\meduser	DICOM import succeeded
29 Jul 2015, 16:09:27 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
29 Jul 2015, 16:11:21 (hr:min:sec)	AD\meduser	DICOM import succeeded
29 Jul 2015, 16:11:21 (hr:min:sec)	AD\meduser	Please note the following warnings / assumptions:
29 Jul 2015, 16:11:21 (hr:min:sec)	AD\meduser	#1 Patient's Name differed from the current patient. Name of current patient: Lunge^Phantom Mismatching names from imported data: LUNGE^PHANTOM
05 Aug 2015, 08:28:48 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
05 Aug 2015, 08:28:50 (hr:min:sec)	AD\meduser	DICOM import succeeded
05 Aug 2015, 09:18:38 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
05 Aug 2015, 09:20:25 (hr:min:sec)	AD\meduser	DICOM import succeeded
05 Aug 2015, 09:20:25 (hr:min:sec)	AD\meduser	Please note the following warnings / assumptions:
05 Aug 2015, 09:20:25 (hr:min:sec)	AD\meduser	#1 Patient's Name differed from the current patient. Name of current patient: Lunge^Phantom Mismatching names from imported data: LUNGE^PHANTOM
05 Aug 2015, 14:24:49 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
05 Aug 2015, 14:25:01 (hr:min:sec)	AD\meduser	DICOM import succeeded
05 Aug 2015, 14:52:21 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
05 Aug 2015, 14:54:15 (hr:min:sec)	AD\meduser	DICOM import succeeded
05 Aug 2015, 14:54:15 (hr:min:sec)	AD\meduser	Please note the following warnings / assumptions:
05 Aug 2015, 14:54:15 (hr:min:sec)	AD\meduser	#1 Patient's Name differed from the current patient. Name of current patient: Lunge^Phantom Mismatching names from imported data: LUNGE^PHANTOM

13 Aug 2015, 09:01:35 (hr:min:sec)	AD\meduser	Starting import. RayStation version 4.5.0.19
13 Aug 2015, 09:01:39 (hr:min:sec)	AD\meduser	DICOM import succeeded
13 Aug 2015, 09:01:39 (hr:min:sec)	AD\meduser	Please note the following warnings / assumptions:
13 Aug 2015, 09:01:39 (hr:min:sec)	AD\meduser	#1 Patient's Name differed from the current patient.

Name of current patient:
Lunge^Phantom

Mismatching names from imported data:
LUNGE^PHANTOM