Project Title Oracle Project Number Objectives	Developing a Quality Assurance and Quality Control Programme for the Clinical Use of Advanced Radiotherapy Techniques 2061227 To improve radiation safety of patients by establishing mechanisms and methodologies for the implementation of QA/QC for advanced radiation therapy techniques in clinical use in Croatian radiotherapy centres.							
<u>General Projec</u> Field(s) Project Achieveme ACC Sector	(29	) Dosimetry and medical physics	Project Sta	tus	Active			
Original Funding Estimated Duration	n Cor 2 y	re ear(s)	1st Year Of		2014			
IAEA Personne Programme Management Office	CHUPOV, Andrei		TCEU	Europe Section 2				
Section Head Technical Officer(s	SALMINS, Andrejs	25	TCEU NAHU	Europe Section 2 Dosimetry and Medical I	Radiation Physics Section			

#### **Recipient Institutes and Counterpart(s)**

CroatiaUniversity J.J. Strossmayer; University J.J. Strossmayer; Medical Faculty; Osijek (FAJ, Dario)CroatiaUniversity Hospital Osijek; Department of Oncology and Radiotherapy; Osijek (KASABASIC, Mladen)CroatiaUniversity Clinical Hospital Rijeka; Rijeka (JURKOVIC, Slaven )

### **Current Year Financial Status**

Fund		Current Year Disbursement		Disbursement				Total Disbursement
	Cue u d. Tette l					0.00	0.00	0.00
	Grand Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00

# **Financial Approvals** Core Approvals

Year	Experts	Meetings/Worksh	Fellowships	Scientific	Training	HR Total	Equipment	Subcontracts	Miscellaneou	PR Total	Total
		ops		Visits	Courses				s		Approval
2014	0.00	0.00	10,800.00	14,400.00	0.00	25,200.00	36,600.00	0.00	0.00	36,600.00	61,800.00
2015	0.00	10,000.00	0.00	0.00	0.00	10,000.00	35,000.00	0.00	0.00	35,000.00	45,000.00

Footno	Footnote Approvals										
Year	Experts	Meetings/Workshops	Fellowships	Scientific Visits	Training Courses	HR Total	Equipment	Subcontracts	Miscellaneous	PR Total	Total Approval
	• -	•				•		· ·			
<u>Ex</u>	<u>perts</u>										
Task		k title/Participant	Nationality	Candidate	Submitted:s		drawn:w	Start Date	End Date	Duration	
	Na	me		approached	Accepted:a	Reje	cted:r			(days)	
Ме	etings/	<u>Workshops</u>									
Task		k title/Participant	Nationality	Candidate	Submitted:s	With	drawn:w	Start Date	End Date	Duration	
	Na	me	-	approached	Accepted:a	Reje	cted:r			(days)	
9001	То	attend Radiobiolog	y & radiobiolo	gical modelling	in radiotherapy	course 2	015				Field: 29
	Mis	sion 01 JD Submit	ted: 2014-11-24	1							
	Dut	y Station : Elsewhere	e( UK ; Elsewher	e , l	JK)						
	MR	ČELA, Iva	CRO	2015-02-12				2015-03-22	2015-03-26	4	
	MLI	NARIC, Mihaela	CRO	2015-02-12				2015-03-22	2015-03-26	4	

Туре

#### **Fellowships**

Name No

Nominated Awarded:a

Host Non-awarded:n Country Withdrawn:w

Proposed:p Accepted:a Rejected:r

Anticipated Start Date Start Date

End Date

Proposed Duration

Scientif	<u>ic Visits</u>									
Νο	Name	Nominated	Awarded:a Non-awarded:n Withdrawn:w	Host Country	Туре	Proposed:p Accepted:a Rejected:r	Anticipated Start Date	Start Date	End Date	Proposed Duration
CR014010		2014-12-04	2015-03-26 a	ITA	I	2015-05-27 a	2015-09-14	2015-09-14	2015-09-25	00/14
TC Field: Training:	The training reque Advanced Radioth	nization of the N ested is related t erapy Technique	Medical Physics Depa o the IAEA's TC project s (Oracle Project Nu	ect entitled: mber:20612	Developing	emphasis on IMRT/V a Quality Assurance 112).				
Host	Fondazione Poliam	ibulanza Istituto	Ospedaliero, Bresci	а						
Institute(s): CRO14011	Mr. JURKOVIC,	2014-12-08	2015-03-26 a	ITA	1	2015-05-27 a	2015-09-14	2015-09-14	2015-09-25	00/14
	Slaven									
TC Field:	Radiation Medicine									
Training: Host	The training reque Advanced Radioth	ested is related t erapy Technique		ect entitled: mber:20612	Developing	emphasis on IMRT/V a Quality Assurance 112).				
Institute(s):	FUNDAZIONE PUNAN		Ospedallero, bresch	d						
CR015003	Ms. IVKOVIC, Ana	2015-06-19	2015-07-01 a	ΙΤΑ	1	2015-08-06 a	2015-10-12	2015-10-12	2015-10-16	00/7
TC Field: Training:		earn of a mature		advanced	radiotherap	oy facility. In particula	ar, medical physi	cs aspects of IM	RT including trea	atment planning,
Host		ested is related t erapy Technique	es (Oracle Project Nu			g a Quality Assurance )12).	e and Quality Cor	ntrol Programme	e for the Clinical	Use of
Institute(s):										
CR015006	Ms. SVABIC	2015-06-25	2015-07-09 a	SWE	I	2015-07-30 a	2015-09-28	2015-09-28	2015-10-02	00/7
	KOLACIO, Manda									
TC Field: Training:	Radiation Metrolog Scientific visit to le dosimetry and qua	earn of a mature		advanced	radiotherap	y facility. In particula	ar, medical physi	cs aspects of IM	RT including trea	atment planning,
	The training reque	sted is related to	o the IAEA's TC proje s (Oracle Project Nu			g a Quality Assurance )12).	e and Quality Cor	ntrol Programme	e for the Clinical	Use of
Host Institute(s):	Karolinska Univers									
CR015007	Ms. SMILOVIC	2015-06-30	2015-10-05 a	SLO	I		2015-12-08	2015-12-08		00/7
	RADOJCIC, Deni	w and Dealers - to					(*)	(*)		
TC Field: Training:	Radiation Metrolog			advanced	radiotheran	y facility. In particula	ar medical nhysi	cs aspects of IM	RT including tre	atment planning
nunnig.	dosimetry and qua		in program at al		aalocherup		, mealear physi		in melading tree	inche planning,
			o the IAEA's TC proje	ect entitled:	Developing	a Quality Assurance	e and Quality Cor	ntrol Programme	e for the Clinical	Use of

Νο	Name	Nominated	Awarded:a Non-awarded:n Withdrawn:w	Host Country	Туре	Proposed:p Accepted:a Rejected:r	Anticipated Start Date	Start Date	End Date	Proposed Duration
	Advanced Radiotherapy Techniques (Oracle Project Number:2061227)(CRO6012).									
Host	Institute of Oncolo	ogy Ljubljana, Lju	ıbljana							
Institute(s):										

# **Training Courses**

## **Equipment**

WP	PO Num		Total Value Order Date Status Vendor Name	Vendor Locatio	on
Item	Quantity	Unit	Item Description	Planed Shipping Date	Actual Shipping Date
	201502000				
-	201502998		2015/07/20 APPROVED International Electrotechnical Commission (IEC)	0.015/07/00	
1	1	each	IEC 60731:2011 Book: Medical electrical equipment - Dosimeter with ionization chambers as used in radiotherapy	2015/07/20	
2	T	each	IEC 60601-2-1:2009+AMD1:2014 CSV Book: Medical electric equipment - Part 2-1 Particular reqs for the basic safety and essential performance of electron accelerators	2015/07/20	
	201503016		2015/07/20 APPROVED International Electrotechnical Commission (IEC)		
1	1	each	IEC 60731:2011 Book: Medical electrical equipment - Dosimeter with ionization chambers as used in radiotherapy	2015/07/20	
2	1	each	IEC 60601-2-1:2009+AMD1:2014 CSV Book: Medical electric equipment - Part 2-1 Particular reqs for the basic	2015/07/20	
			safety and essential performance of electron accelerators		
	201500240				
	201500240		2015/01/23 APPROVED Elekta GmbH		
1	0.421053	each	Upgrade to Radiotherapy Treatment Planning System. As per offer 2014-78462-ML-IAEA. Excluding C#92567 and C#92565 and Pos. 2 Option.	2015/04/25	2015/03/02
1	0.305632	each	Upgrade to Radiotherapy Treatment Planning System. As per offer 2014-78462-ML-IAEA. Excluding C#92567 and	2015/04/25	2015/03/02
			C#92565 and Pos. 2 Option.		
1	0.273316	each	Upgrade to Radiotherapy Treatment Planning System. As per offer 2014-78462-ML-IAEA. Excluding C#92567 and	2015/04/25	2015/03/02
			C#92565 and Pos. 2 Option.		
2	0.3	each	Services: as per offer 2014-78462-ML-IAEA. C#94507 On-Site Installation, Service or Systems Administration and	2015/05/25	
			C#92569 4 Days On-Site Customized Support (customer facility).		
2	0.7	each	Services: as per offer 2014-78462-ML-IAEA. C#94507 On-Site Installation, Service or Systems Administration and	2015/05/25	
			C#92569 4 Days On-Site Customized Support (customer facility).		
3	1	each	Services: Customized training 2 x 5 days of on-site support. As per offer 2014-78462A-ML-IAEA On-Site training	2015/05/30	
	201402700				
	201403708		2014/08/07 APPROVED IBA DOSIMETRY GmbH		0.01.4/1.0/01
T	T	each	Dosimeter Array for static IMRT ETC, CONSISTING:-	2014/10/06	2014/10/01

#### **Sub-contracts**

<u>545 CO</u>								
WP	PO Num		Total Value	Order Date	Status	Vendor Name	Vendor Locatio	on
Item	Quantity	Unit	Item Description				Planed	Actual
							Shipping	Shipping
		l					Date	Date
	<u>g Courses</u>	2						
WP	PO Num		Total Value	Order Date	Status	Vendor Name	Vendor Locatio	
Item	Quantity	Unit	Item Description				Planed	Actual
							Shipping Date	Shipping Date
Others	L		L				Date	Pate
WP	PO Num		Total Value	Order Date	Status	Vendor Name	Vendor Locatio	20
ltem	Quantity	Unit	Item Description	- order Date	Status	renati nume	Planed	Actual
	quantity						Shipping	Shipping
							Date	Date
	EMS-48316			2015/02/17	APPROVED	MLINARIC, Ms Mihaela		
1	2126	each	SupplierNumber:54197	/IMLINARIC, Ms. M	'IINaela  Non St	taff		
	FTS-53041			2015/08/06	APPROVED	JURKOVIC, Mr Slaven		
1	2086	each	SupplierNumber:17636			•		
-			36666.01100111/00(	12				
	EMS-48315			2015/02/17	APPROVED	Clatterbridge Cancer Centre		
1	1000	each	PartyNumber:614805(	Clatterbridge Can	cer Centre Non	Staff		
				2015/00/06		Eondoziono Poliombulanza latituta Canadaliara		
1	FTS-53042	oach	SupplierNumber 17620	2015/08/06	APPROVED	Fondazione Poliambulanza Istituto Ospedaliero		
T	450	each	SupplierNumber:17636	UJUKKUVIC, MIR. SI	aven jivon Sta			
	EMS-48317			2015/02/17	APPROVED	MRCELA, Ms Iva		
1	972.64	each	SupplierNumber:35985					
				•	•			
	EMS-48410			2015/02/18	APPROVED	MRCELA, Ms Iva		
1	1153.36	each	SupplierNumber:35985	5 MRCELA, Ms. Iva	Non Staff			
	201505148			2015/11/04	APPROVED	DHL Express (Austria) GmbH		
1	201505148	lot	Shipment of books und				2015/11/24	2015/11/05
-	-	101	Supricit of DOOKS UIIC				2010/11/24	-0-0/11/00
	FTS-52127			2015/06/25	APPROVED	FAJ, Mr Dario		

I.A.E.A TECHNICAL CO-OPERATION

1	2086	each	SupplierNumber:31485 FAJ, Mr. Dario  Non Staff
	FTS-53032		2015/08/06 APPROVED Fondazione Poliambulanza Istituto Ospedaliero
1	450	each	SupplierNumber:31485 FAJ, Mr. Dario  Non Staff
	FTS-53649		2015/08/28 APPROVED SVABIC KOLACIO, Ms Manda
1	2207	each	SupplierNumber:86299 SVABIC KOLACIO, Ms. Manda  Non Staff
2	100	each	SupplierNumber:86299 SVABIC KOLACIO, Ms. Manda Non Staff
	FTS-53650		2015/08/28 APPROVED Karolinska University Hospital
1	1000	each	SupplierNumber:86299 SVABIC KOLACIO, Ms. Manda  Non Staff
	FTS-57172		2015/09/15 APPROVED Abdus Salam International Centre for Theoretical
1	600	each	SupplierNumber:47651 IVKOVIC, Ms. Ana Non Staff
	FTS-60006		2015/10/23 APPROVED Abdus Salam International Centre for Theoretical
1	600	each	SupplierNumber:17636 JURKOVIC, Mr. Slaven  Non Staff
	A1513727-1	L525EUR	2015/09/15 APPROVED American Express Services Europe Limited,
1	681.55	each	15ST13727 576135 IVKOVIC, MS ANA Zagreb (CRO) - Milano (ITA) - Zagreb (
	FTS-57171		2015/09/15 APPROVED IVKOVIC, Ms Ana
1	284	each	SupplierNumber:47651 IVKOVIC, Ms. Ana Non Staff
2	1134	each	SupplierNumber:47651 IVKOVIC, Ms. Ana Non Staff
3	384	each	SupplierNumber:47651 IVKOVIC, Ms. Ana  Non Staff
	FTS-60005		2015/10/23 APPROVED Fondazione Poliambulanza Istituto Ospedaliero
1	600	each	SupplierNumber:31485 FAJ, Mr. Dario  Non Staff
	A1510959-1	L525EUR	2015/08/28 APPROVED American Express Services Europe Limited,
1	925.76	each	15ST10959 974225 SVABIC KOLACIO, MS MANDA Rijeka/Zagreb (CRO) - Stockholm (SWE)