

Data management, documentation and analysis systems in radiation oncology

Dear colleagues in radiation oncology,

on the subject of **data management**, **documentation** and **trial analyses in radiation oncology** and thus **EDC systems** (electronic data capture), we have created the following survey. Please participate and take 10 minutes to complete the survey.

Most of the questions are mandatory. You need to enter "-" if you don't want to / can't make any comments. It might be helpful if an employee of the Physics / IT department is present as some questions about interfaces require special knowledge in the IT field.

We are pleased to inform you about the results.

Univ.-Prof. Dr. med. Stephanie E. Combs Dr. sc. hum. Kerstin A. Kessel

Name your department and	Contact	illorillation.	
your department (name and country)			
your name			
your email address			

Electronic Health Record	(EHR): V	What is	correct?	(Multipl	le
answers possible)				-	

<u> </u>	ealth record (EHR) within the HIS.
Our department uses an EHR indepe	ndently from the HIS.
An EHR is not established in our dep	artment.
	3
/hat kind of hardware / so	oftware solutions (company name)
pes your department use	,
,	
	please fill out each field
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ystem)	
dIS (radiology information ystem)	
ACS (picture archiving and	
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In which central documentation projects does your department participate in?

documentation in central databases, such as ESTRO, EORTC...

multi-center clinical trials				
cancer registries / tumor doc	umentation			
other				
Type your answer				
Type your unside.				100 characters remaining
			•	200 characters remaining
	5	j		
Do you use "self-repor	ted outcor	ne" in your	departme	ent?
	V05 25	vos as digital	V05 35	not currently
	yes, as paperbased	yes, as digital forms (e.g. on	yes, as webbased	not currently
	forms	a PC)	forms	
"patient self-reported outcome"				
= gen. questionnaires /				
standardized questionnaires				
about quality of life (e.g. EORTC QLQ-C30)				
"physician reported outcome" of				
referring physicians				
		5 —		
What tools for docume	entation de	you usa in	vour den	artment for
prospective / retrospe		•	-	ar tillellt 101
		,		
paper				
Fyeel				
Excel				
Access				
	lysis system			

7

How would you assess the following obstacles regarding the implementation of a system for data management, documentation and analyses in your department?

very difficult	difficult	simple	no problem
	very difficult	very difficult difficult	very difficult difficult simple

8

Are systems for documentation / EDC in use or planned for the following application scenarios?

	system already implemented	system in planning stage	not planned / not necessary
for prospective clinical trials / scientific evaluations			
for retrospective clinical trials / scientific evaluations			
for research documentation			

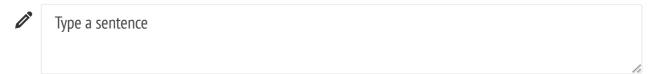
for data backup			
for quality assurance			
	9 —		
Are other systems for	5 5 -	ocumentation us	sed or
olanned in the futur	re?		
Type a sentence			
			250 characters remainin
	10 —		
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f you think of other nterfaces / commu	systems in your		
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What information is transferred via the interfaces / communication standards?

	already implemented	in planning stage	not planned	
imaging data (diagnostic and therapeutic)				
radiation data (RT Plan, RT Dose, RT StructureSet)				
surgical findings				
lab findings				
pathology findings				
follow-up information				
clinical trial data				

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With respect to the last two questions: What other interfaces / communication standards are used / planned in your department? What other data is also transferred?



250 characters remaining

13

How do you rate the willingness of the following groups of people to use a documentation / EDC system?

very eager

relatively

reluctant

not

		eager		documenting
documentation specialist				
study nurses				
physician				
radiographer				
physician's assistant				
secretary				
other employees				
	14	ı ————		
The responsible person documentation / analys				DC /
			nt	DC /
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documentation / analys		r departme	nt	
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completed what kind of training or has/have what degree? has/have special expertise in? manges/manage the system(s) as a primary or secondary task? Have you heard of the t	ses in you	please fill or	ut each field	

Big Data in radiation oncology:

	please fill out each field
To which extent has your department dealt which the subject of Big Data?	
What measures do you plan in the future?	
17	7
Is your department already using	cloud solutions?
yes	
no	
in the planning stage	
Type your answer	
Type your answer	100 characters remaining
18	В
Cloud solutions in radiation onco	logy:
Cloud solutions in radiation onco	please fill out each field
Cloud solutions in radiation onco What solutions do you use?	

Type a paragraph	

SUBMIT SURVEY

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