Medical Physics : Is there value and if so how do we	
convince people?	
Stuart H. Burri, M.D.	
Chairman : Radiation Oncology – Levine Cancer Institute	
President : Southeast Radiation Oncology Group	
Levine Cancer Institute	
It's all about safety	
•	
Levine Cancer Institute	
hippety	
hoppety whatever	
	<del></del>
Levine Cancer Institute	

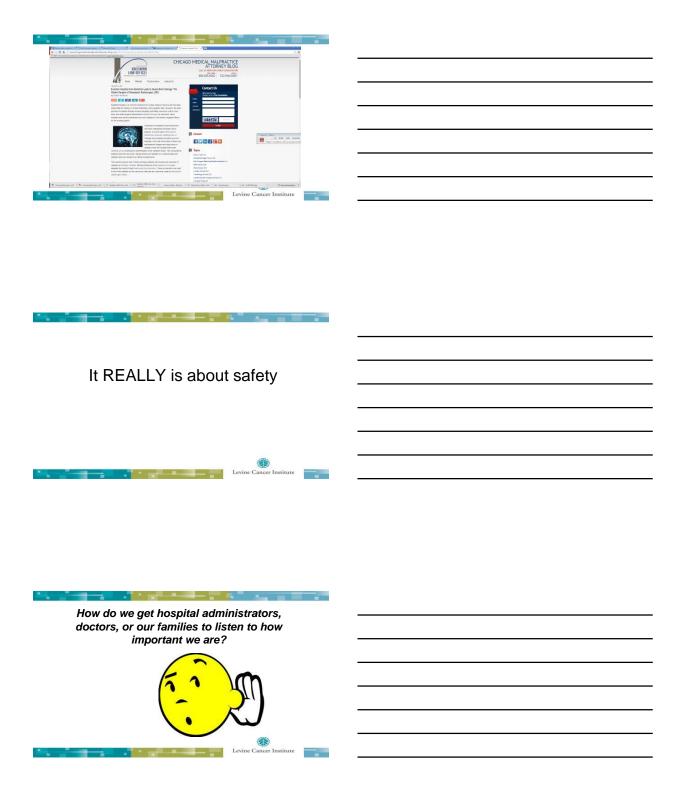
Everyone says it's		
about safety and patient		
care.	Solidaricon ( )	
	Levine Cancer Institute	
How is Medical F	Physics Different?	
	Levine Cancer Institute	
People really are (app.	ropriately?) scared of Radiation	
. Copie really are (app	opinitory i y course of internation.	
	<b>●</b>	
	Levine Cancer Institute	

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HERIAL		Levin	e Cancer Institute		
· . · • •		eath in the US			
	Cause of Death  Automobile accidents	Deaths ~36,000			
	Falls	13,332			
	Bathtub Drowning	341			
	Electric Transmission lines	99			
		31			
	Bitten or crushed by Reptiles Fireworks Discharge	5			
	Contact with venomous spiders	5			
	Radiation Accidents	0			
5. <del>14.</del>	,	Levi	ne Cancer Institute		
-			Am 10 1	-	
	Is the worn	y outsized?			
	Radiation Accident	Direct Deaths			
	Chernobyl	31			
	Fukushima	0			
		Levis	ne Cancer Institute	100	

## Those are some interesting facts, but that doesn't seem like it helps our cause...



## New York Times | HEALTH | THE RADIATION BOOM | Radiation Offers New Cures, and Ways to Do Harm | By WALT BOGDANICH JAN. 23, 2010



The core arguments	
The core arguments	
Doing the right thing	
□ Protection of Market share	
Accident avoidance	
<ul> <li>□ Grow the hospital reputation</li> <li>Patients referred in, our loss of leakage to more specialized centers</li> </ul>	
Levine Cancer Institute	
Strategy Today	
☐ Must be willing to say no.	
We can't do XYZ because it is not safe.	
<ul> <li>ALL revenue in the radiation oncology department ultimately rests upon the physics team.</li> </ul>	
☐ Negotiate for additional manpower/support when the hospital wants to expand	
offerings.  • We can't safety do SBRT well unless we have	
□ Be PRESENT in the clinic	
Don't be a "ghost" physicist who doesn't interact with the team	
Levine Cancer Institute	
2007 2016	
Levine Cancer Institute	

-		
	Future shock	
	Future shock is the shattering stress and disorientation that we indusubjecting them to too much change in too short a time.	ice in individuals by
	<ul> <li>"If you don't have a strategy, you're part of someone else's strategy</li> <li>Alvin Toffler</li> </ul>	•
-	Levine	Cancer Institute
-		Annual Control
	What the HELL do we do now?	
	☐ Changing re-imbursement models	
	Payment per diagnosis rather than per item.	
	Allows an opportunity to reconsider payment structure	
	<ul> <li>All the more important for it to be well understood now.</li> </ul>	
	☐ Are we actually in this together?	
100	Levine	Cancer Institute