

From: "Montagnese, Anthony D" <ADMontag@LancasterGeneral.org>
To: <pan@nrc.gov>
Date: Thu, Feb 17, 2005 11:10 AM
Subject: FW: Gamma knife treatment

Penni:

I forwarded your question to Dr. Fuller. His response follows...

Tony Montagnese

> -----Original Message-----

> From: Fuller, Charles J
> Sent: Thursday, February 17, 2005 10:40 AM
> To: Montagnese, Anthony D
> Subject: RE: Gamma knife treatment

>

> The two statements are contradictory. Based on my notes, number one is the true statement. It would result in a maximum dose of 35 Gy to the wrong treatment site.

>

> -----Original Message-----

> From: Montagnese, Anthony D
> Sent: Thursday, February 17, 2005 10:32 AM
> To: Fuller, Charles J
> Subject: FW: Gamma knife treatment

>

> One more follow-up question from Penny Lanzisera...

>

> -----Original Message-----

> From: Penny Lanzisera [SMTP: PAN@nrc.gov]
> Sent: Thursday, February 17, 2005 10:15 AM
> To: Montagnese, Anthony D
> Cc: Hector Bermudez; Pamela Henderson
> Subject: Gamma knife treatment

>

> Tony, we had one additional question come up based on statements we had collected during the inspection. The two statements that appear to contradict are:

>

> 1) Approximately 30 minutes into a 51 minute treatment to deliver 85 Gy - 100% isodose to the trigeminal nerve....the patient asked to move.

>

> 2) The licensee concluded that the patient moved during the treatment, resulting in misalignment of the frame and delivery of a maximum of 60% of the dose (50 Gy) to the wrong treatment site.

>

> Basic math skills would indicate that for continuous dose rate, then 21 minutes of 51 would yield 35 Gy. Is the difference the area covered or isodose line chosen?

>

> Thank you for your assistance,

>

> Penny Lanzisera, US NRC
> email: pan@nrc.gov

>

> phone: 610-337-5169

>

Mail Envelope Properties

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Subject: FW: Gamma knife treatment
Creation Date: Thu, Feb 17, 2005 11:09 AM
From: "Montagnese, Anthony D" <ADMontag@LancasterGeneral.org>

Created By: ADMontag@LancasterGeneral.org

Recipients

nrc.gov
kp1_po.KP_DO
PAN (Penny Lanzisera)

Post Office
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nrc.gov

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