

INSTITUTE OF PHYSICS AND ENGINEERING IN MEDICINE

Nuclear Medicine Software Working Party

Quality Assurance of Analysis of DTPA/MAG3 Imaging

RESULT FORM (Please use a separate form for each operator)

Name of Site:

Operator Identifier (e.g. 1,2, etc):

Computer System

Manufacturer:

Make and Model of computer:

Name and version of DTPA/MAG3 software:

Details of analysis (Please tick appropriate box in each case)

Software used:

Commercial

☐

User written program

☐

User written protocol

☐

Don't know

☐

ROIs: Please briefly describe how the whole kidney ROIs were drawn, e.g. manually, threshold, etc.

Please specify method of background subtraction used for differential function and time-to-peak of renogram curve:

**Please specify deconvolution method used for whole kidney transit time
(including where the input function ROI was drawn)**

Operator experience (Please tick appropriate box in each case)

How long have you been routinely processing DTPA/MAG3 scans ?

< 6 months ☐ 6 months - 1 year ☐ >1 year ☐

How many DTPA/MAG3 scans do you process per month ?

1-10 ☐ 11-30 ☐ >30 ☐

Results

Please estimate the following parameters in the ten studies (include up to two others if you would measure them routinely):

Patient No:	Differential function	Time-to-peak of renogram curve	Whole kidney mean transit time	Other parameter I	Other parameter II
1					
2					
3					
4					
5					
6					
7					
8					
9					

10					
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Where other parameters have been estimated please specify what they are (including the method of estimation):

Other parameter I:

Other parameter II

Please return this form to your Regional Audit Coordinator