Barbara Elmståhl
Ulf Nyman
Peter Leander
Chun-Ming Chai
Klaes Golman
Jonas Björk
Torsten Almén

Gadolinium contrast media are more nephrotoxic than iodine media. The importance of osmolality in direct renal artery injections

Published online: 11 October 2006
© Springer-Verlag 2006

Eur Radiol (DOI 10.1007/s00330-006-0357-4)

Due to an unfortunate error, the *P* values were aligned incorrectly. For better understanding, the entire Table 2 is reproduced below.

Table 2 Individual plasma half-life elimination times in minutes of glomerular filtration markers after injection of the various test solutions into the right renal artery in each pig. All contrast media had a 0.5 M concentration of contrast medium molecules. The results of the saline group are from a previous investigation (using the same porcine model as in the present study), but where the GFR marker iohexol (3 ml, 300 mg I/ml) were injected intravenously [20] and could as such be used to calculate the volume of distribution of iohexol (see the present discussion). The values are ranked in ascending order from the top of the table. Median values and *P* values are given

Gadopentetate (n=8)	Man/io-1.96 ^a (n=8)	Gadodiamide (n=8)	Man/io-0.82 ^a (n=8)	Iohexol (n=8)	Man/io-0.43 ^a (n=8)	Saline (n=8)
1044	1209	106	137	160	118	92
1052	1597	201	146	161	129	106
1194	1766	208	166	162	141	110
1423	2437	217	168	179	147	131
2036	3128	219	170	184	149	136
4394	11321	245	175	187	155	138
7681	25523	251	190	196	169	157
∞ ^b	∞ ^b	391	253	199	210	167
Median 1730	2782	218	169	181	148	133
$P=0.28$		$P=0.06$		$P=0.03$		
$P=0.01$						

^a Man/io=mannitol/iohexol solutions with the figures denoting their osmolality in Osm/kg H₂O

^b Plasma half-life time approaching infinity

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00330-006-0357-4>.

B. Elmståhl (✉) · P. Leander · T. Almén
Department of Diagnostic Radiology,
Malmö University Hospital,
Lund University,
SE-205 02 Malmö, Sweden
e-mail: barbara.elmstahl@med.lu.se
Tel.: +46-40-338887
Fax: +46-40-337062

U. Nyman
Department of Radiology,
Lasarettet Trelleborg,
Trelleborg, Sweden

C.-M. Chai
Department of Experimental Research,
Malmö University Hospital,
Lund University,
Malmö, Sweden

K. Golman
GE Health, Biosciences, Medeon,
Malmö, Sweden

J. Björk
Competence Center for Clinical
Research, University Hospital,
Lund University,
Lund, Sweden