

# Radio-Contrast Agents and Breastfeeding

## Safe Radio-Contrast Agents

### Barium Sulfate

Not absorbed orally, none will enter the milk  
No interruption in breastfeeding is necessary<sup>2</sup>

### Bilopaque (Tyropanoate)

Oral contrast agent  
For examining the gallbladder  
Levels in milk are unknown<sup>2</sup>

### Gadolinium-Containing Radio-Contrast Agents

“Review of the literature shows no evidence to suggest that oral ingestion by an infant of the tiny amount of gadolinium contrast agent excreted into breast milk would cause toxic effects. We believe, therefore, that the available data suggest that it is safe for the mother and infant to continue breast feeding after receiving such an agent.”<sup>1</sup>

Magnevist (Gadopentetate)  
Magnevistan (Gadopentetate)  
Magnograf (Gadopentetate)  
MultiHance (Gadobenate)

Omniscan (Gadodiamide)  
Optimark (Gadoversetamide)  
Prohance (Gadoteridol)  
Viewgam (Gadopentetate)

### Iodinated containing radiopaque medium (Ionic and Nonionic)

“Because of the very small percentage of iodinated contrast medium that is excreted into the breast milk and absorbed by the infant's gut, we believe that the available data suggest that it is safe for the mother and infant to continue breastfeeding after receiving such an agent.”<sup>1</sup>

Accupaque (Iohexol)	Gastromiro (Iopamidol)	Optiray (Ioversol)
Amipaque (Metrizamide)	Gastrovist (Diatrizoate)	Pamiray (Iopamidol)
Angio-Conray (Iothalamate)	Hexabrix 160 (Ioxaglate)	Proscope (Iopromide)
Angiocontrast (Metrizoate)	Hexabrix 200 (Ioxaglate)	Radiomiron (Iopamidol)
Angiovist (Diatrizoate)	Hexabrix 320 (Ioxaglate)	Reno-30 (Diatrizoate)
Biliopaco (Iopromide)	Hexabrix (Ioxaglate)	Reno-60 (Diatrizoate)
Cardiografin (Diatrizoate)	Hypaque (Diatrizoate)	Reno-Dip (Diatrizoate)
Cholografin (Iodipamide)	Isopaque (Metrizoate)	Renografin (Diatrizoate)
Cistobil (Iopromide)	Iopamiro (Iopamidol)	Reno-M (Diatrizoate)
Clarograf (Iopromide)	Iopamiron (Iopamidol)	Retrografin (Diatrizoate)
Colegraf (Iopromide)	Iopasen (Iopamidol)	Scanlux (Iopamidol)
Colepak (Iopromide)	Isovue (Iopamidol)	Sinografin (Diatrizoate)
Conray-30 (Iothalamate)	Isovue-M (Iopamidol)	Sinografin (Iodipamide)
Conray-43 (Iothalamate)	Jopamiro (Iopamidol)	Solutrast (Iopamidol)
Conray-60 (Iothalamate)	Myelo-Kit (Iohexol)	Telebrix (Ioxitalamic Acid)
Conray 325 (Iothalamate)	Neocontrast (Iopromide)	Telepaque (Iopanoic Acid)
Conray-400, (Iothalamate)	Niopam (Iopamidol)	Ultravist (Iopromide)
Cyso-Conray (Iothalamate)	Omnigraf (Iohexol)	Urovist (Diatrizoate)
Cysto-Conray II (Iothalamate)	Omnipaque (Iohexol)	Vascoray (Iothalamate)
Cystografin (Diatrizoate)	Omnitrast (Iohexol)	Visipaque (Iodixanol)
Ethibloc (Diatrizoate)	Optiject (Ioversol)	

## Radio-Contrast Agent of Concern

### Teslascan (Mangafodipir Trisodium)

Manganese-containing radiocontrast agent  
Rapidly redistributed to liver  
A brief interruption of breastfeeding for 4 hours

Followed by pumping and dumping her milk once  
Would reduce any risk to the infant<sup>2</sup>  
Save milk ahead of the test for one or two feedings

### Bibliography

<sup>1</sup>American College of Radiology, Committee on Drugs and Contrast Media. Administration of Contrast Media to Breastfeeding Mothers, ACR Manual on Contrast Media, Version 7, 2010

<sup>2</sup>Hale T. Medications and Mothers' Milk (14<sup>th</sup> ed). Amarillo, TX: Hale Publishing, 2010, pp. 1150-1151, 1153

806-352-2519 Infant Risk Center—call to check if medications compatible with breastfeeding (Monday-Friday 9 am to 6 pm EST)