**REFERENCES**

1. McClennan BL. Ionic and nonionic iodinated

contrast media: evolution and strategies

for use. AJR 1990;155:225-33.

2. Katayama H, Yamaguchi K, Kozuka T,

Takashima T, Seez P, Matsuura K. Adverse

reactions to ionic and nonionic contrast media:

a report from the Japanese committee

on the safety of contrast media. Radiology

1990;175:621-8.

3. Wolf GL, Arenson RL, Cross AP. A prospective

trial of ionic vs. nonionic contrast

agents in routine clinical practice: comparison

of adverse effects. AJR 1989;152:939-

44.

4. Wang CL, Cohan RH, Ellis JH, Caoili EM,

Wang G, Francis IR. Frequency, outcome,

and appropriateness of treatment of nonionic

iodinated contrast media reactions.

AJR 2008;191:409-15.

5. Bush WH, Segal AJ. Recognition and treatment

of acute contrast reactions. Applied

Radiology 2009;38:16-21.

6. Mortelé KJ, Oliva MR, Ondategui S, Ros

PR, Silverman SG. Universal use of nonionic

iodinated contrast medium for CT:

evaluation of safety in a large urban teaching

hospital. AJR 2005;184:31-4.

7. Lightfoot CB, Abraham RJ, Mammen T,

Abdolell M, Kapur S, Abraham RJ. Survey

of radiologist’ knowledge regarding the

management of severe contrast material-induced

allergic reactions. Radiology 2009;

251:691-6.

8. Bartlett MJ, Bynevelt M. Acute contrast reaction

management by radiologists: A local

audit study. Australas Radiol 2003;47:

363-7.

9. Petscavage JM, Paladin AM, Wang CL,

Schopp JG, Richardson ML, Bush WH Jr.

Current status of residency training of allergic-

like adverse events to contrast media.

Acad Radiol 2012;19:252-5.

10. Gaca AM, Frush DP, Hohenhaus SM, et

al. Enhancing pediatric safety: using

simulation to assess radiology resident

preparedness for anaphylaxis from intravenous

contrast media. Radiology 2007;

245:236-44.

11. ACR Manual on Contrast Media, version 8;

2012. Available at: http://www.acr.org/\_/

media/ACR/Documents/PDF/QualitySafety/

Resources/Contrast%20Manual/FullManual.

pdf.

12. Segal AJ, Bush WH Jr. Avoidable errors in

dealing with anaphylactoid reactions to iodinated

contrast media. Invest radiol 2011;

46:147-51.