

	HOSPITAL SULTAN ABDUL AZIZ SHAH UNIVERSITI PUTRA MALAYSIA Document Code: HSAAS/RADIO/AK28
	WORK INSTRUCTION FOR CONTRAST MEDIA ADVERSE REACTION MANAGEMENT

1.0 PURPOSE

This work procedure is to provide a system or flow for adverse reactions to contrast media management happening in the Radiology Department, and appropriate actions are taken in cases requiring referral to relevant departments or premedication in patients with known or suspected allergic reactions.

2.0 TERMINOLOGY

HSAAS	: Hospital Sultan Abdul Aziz Shah
MO	: Medical Officer
MA	: Medical Assistant
SN	: Staff Nurse

3.0 GUIDE

No.	Activity	Action
1.	Optimize the patient for the radiology examination which includes but not limited to renal function, allergies, history of previous reaction, and medications.	Requesting physician / primary team
2.	Ensure no contraindication for the examination and obtain the necessary informed consent.	Requesting physician / primary team
3.	Provide premedication with steroid therapy to reduce risk of contrast reaction	Requesting physician / primary team
4.	Readily available to assist the radiology team if complications arise during the procedure and take over the subsequent management if necessary.	Requesting physician / primary team
5.	Reconfirm the allergy checklist and informed consent.	MO / MA / SN / Radiographer
6.	Recognize and treat adverse events related to contrast media administration, including referral to the primary team if clinically indicated.	MO
7.	Recognize adverse events following contrast media administration.	MA / SN / Radiographer
8.	Observe the patients for any allergic reactions for the first 30 minutes after the injection of contrast media.	MO / MA / SN
9.	Inform the radiology MO of the adverse events.	MA / SN /



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No.	Activity	Action
		Radiographer
10.	Fill up the Patient Safety Incident Reporting (IR) and Report on Suspected Adverse Drug Reaction Form.	MO
11.	Fill up a drug allergy card request form for patients who developed adverse reactions to contrast media, which is then submitted to the Pharmacy Department.	MO

WORKFLOW OF WORK INSTRUCTION PROCESS

