	The Johns Hopkins Hospital	<i>Policy Number</i>	IFC026
	INTERDISCIPLINARY CLINICAL PRACTICE MANUAL	<i>Effective Date</i>	5/31/04
	<i>Subject</i>	<i>Page</i>	1 of 2
	Multiple Dose Vials	<i>Supersedes</i>	10/01

KEY WORDS: multi-dose vials, multiple dose vials, multiple dose solutions

PATIENT CARE OBJECTIVES

To minimize the risk that multi-dose vials will be a source of infection/colonization with micro-organisms.

RESPONSIBILITIES

- | | |
|---|--|
| JHH/JHU/JHMI Staff | <ul style="list-style-type: none"> ▪ Must follow the requirements of the policy. ▪ It is the responsibility of each person using a multiple-dose vial to determine its safety for future use based on any suspected or known compromise to the solution's sterility. |
| Supervisor/Managers of all Departments | <ul style="list-style-type: none"> ▪ Must ensure employee compliance with the policy. |
| Department of Hospital Epidemiology and Infection Control | <ul style="list-style-type: none"> ▪ Will bring these policies to the Hospital Epidemiology and Infection Control Committee for review and approval. |

PROCEDURES

1. Multiple Dose Vials

- a. Use single-dose vials for parenteral additives or medication unless unavailable.
- b. Refrigerate multi-dose vials after they are opened if recommended by the manufacturer.
- c. Cleanse the access diaphragm of multi-dose vials with 70% alcohol (such as alcohol swabs) before inserting a device into the vial.
- d. Use a sterile device to access a multi-dose vial and avoid touch contamination of the device before penetrating the access diaphragm.
- e. Discard multi-dose vial if sterility is compromised.
- f. Discard multi-dose vial on the expiration date listed by manufacture.
- g. Vials of saline or water may be used as multi-dose **only if they contain a preservative.**


REFERENCES

CDC Hospital Infection Control Practices Advisory Committee. (2002). Guidelines for prevention of intra-vascular device-related infections. *MMWR*, 51(RR 10), 1-26.
<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5110a1.htm>

SEE ALSO

Interdisciplinary Clinical Practice Manual

- Prevention Measures for Nosocomial Conjunctivitis in Wilmer Institute, IFC034
<http://www.insidehopkinsmedicine.org/icpm/ifc034conjunctivitis.pdf>
- Respiratory Equipment Guidelines, IFC024 <http://www.insidehopkinsmedicine.org/icpm/ifc024RT.pdf>

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Nursing Practice and Organization Manual

- Medication Therapy: Medication Administration, #360U
<http://www.insidehopkinsmedicine.org/nursing/cnp/360Umedadm.pdf>

DEVELOPER

- Hospital Epidemiology and Infection Control Committee

SPONSOR

- Medical Care Evaluation Committee

COMMUNICATION & EDUCATION

This policy will be communicated to the appropriate JHH personnel via the following channels:

1. Updates and revisions will be communicated via Medical Staff and Nursing publications.
2. Department managers are responsible to orient appropriate personnel to the policy.
3. This policy will be placed in the Interdisciplinary Clinical Practice Manual on the JHH Intranet site <http://www.insidehopkinsmedicine.org/icpm>. Paper distributions will be made to the Functional Unit Nursing offices in the event of web access difficulty.
4. Placement of policy online at www.hopkins-HEIC.org.

REVIEW CYCLE	• Three (3) years	MEDICAL BOARD	Approval Date: 4/24/04 Effective Date: 5/31/04
VICE PRESIDENT FOR MEDICAL AFFAIRS			

Date:			