



## MULTI-DISEASE RISK ASSESSMENT (MDRA) FUNGAL INFECTION ACTION FORM

Based on a Mathematical Model John G. Thomas, Ph.D. and Staff

### A. DEMOGRAPHICS / STATUS

Patient Name: (Optional or Code) \_\_\_\_\_

ID number: (Optional or Code) \_\_\_\_\_

Age in years: \_\_\_\_\_

Gender: \_\_\_\_\_

Admit. date: \_\_\_\_\_

Assessment date: \_\_\_\_\_

Medical service: (ICU or Non-ICU) \_\_\_\_\_

Severity of illness: \_\_\_\_\_

Primary organ involvement: \_\_\_\_\_

Surgery (Y/N): \_\_\_\_\_

Surgery date: \_\_\_\_\_

Surgical procedure: \_\_\_\_\_

### B. RISK FACTORS

Clinical	Present?	Points for Positive			Total
Broad Spectrum Antibiotics (>4d)	Yes / No	5	3	1	_____
GI Surgery	Yes / No	5	3	1	_____
Central Catheterization	Yes / No	5	3	1	_____
Foley Catheter	Yes / No	5	3	1	_____
Peripheral Catheterization	Yes / No	5	3	1	_____
Mechanical Ventilation >48 hrs	Yes / No	5	3	1	_____
TPN	Yes / No	5	3	1	_____
Neutropenia (<1000 wbc/ $\mu$ l)	Yes / No	5	3	1	_____
ICU >4 days	Yes / No	5	3	1	_____
Steroid use (non physiologic)	Yes / No	5	3	1	_____

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Clinical	Present?	Points for Positive			Total
Multiple ICU stays	Yes / No	5	3	1	_____
Fever >38 Tw abx >4 days	Yes / No	5	3	1	_____
Hematologic Malignancy	Yes / No	5	3	1	_____
Solid Organ Malignancy	Yes / No	5	3	1	_____
Diabetes	Yes / No	5	3	1	_____
Hypotension	Yes / No	5	3	1	_____
Trauma	Yes / No	5	3	1	_____
<b>TOTAL</b>		_____	_____	_____	_____

Laboratory	Present?	Points for Positive			Total
Urine Colonization (yeast)	Yes / No	5	3	1	_____
Sputum Colonization (yeast)	Yes / No	5	3	1	_____
Blood >2 bottles positive/4 tot	Yes / No	5	3	1	_____
Blood 1-2 bottles positive/4 tot	Yes / No	5	3	1	_____
Blood positive <48 hrs	Yes / No	5	3	1	_____
WBC >10,000	Yes / No	5	3	1	_____
Multiple (+) Episodes	Yes / No	5	3	1	_____
PATHOGEN / CONTAMINENT	Yes / No	5	3	1	_____
<b>TOTAL</b>		_____	_____	_____	_____

### Comments:

#### MDRA-defined Threshold Values at WVUH for Intervention According to Risk for Invasive Fungal Infection

Action	ICU Patients	Non-ICU Patients
<b>Immediate Therapeutic Intervention</b>	> / = 40 points	> 25 points
<b>Increased Surveillance</b>	30-39 points	15-25 points
<b>Maintain and Monitor</b>	<30 points	<15 points

Assessed By: \_\_\_\_\_

Date: \_\_\_\_\_