PROSPECT PILOT TRIAL
PRObiotics to prevent Severe Pneumonia and Endotracheal Colonization Trial

ICU Admitting Diagnoses: APACHE III Major Disease Categories

A. NON OPERATIVE CONDITIONS

Cardiovascular/vascular:
1. Cardiogenic shock
2. Cardiac arrest
3. Aortic aneurysm
4. Congestive heart failure
5. Peripheral vascular disease
6. Rhythm disturbance
7. Acute myocardial infarction
8. Hypertension
9. Other cardiovascular/vascular diseases (specify_____)

Respiratory:
10. Parasitic pneumonia (i.e. pneumocystis carinii)
11. Aspiration pneumonia
12. Respiratory neoplasm (including larynx, trachea)
13. Respiratory arrest
14. Pulmonary edema (non-cardiogenic)
15. Bacterial/viral pneumonia
16. Chronic obstructive pulmonary disease
17. Pulmonary embolism
18. Mechanical airway obstruction
19. Asthma
20. Other respiratory diseases (specify_____)

Gastrointestinal:
21. Hepatic failure
22. GI perforation/obstruction
23. GI bleeding due to varices
24. GI inflammatory disease (ulcerative colitis, Crohn's disease/pancreatitis
25. GI bleeding due to ulcer/laceration
26. GI bleeding due to diverticulosis
27. Other gastrointestinal diseases (specify_____)

Neurologic:
28. Intracerebral hemorrhage
29. Subarachnoid hemorrhage
30. Stroke
31. Neurologic infection
32. Neurologic neoplasm
33. Neuromuscular disease
34. Seizure
35. Other neurologic diseases (specify_____)

Sepsis:
36. Sepsis (other than urinary tract
37. Sepsis of urinary tract origin

Trauma:
38. Head trauma (with/without multiple trauma)
39. Multiple trauma (excluding head trauma)

Metabolic:
40. Metabolic coma
41. Diabetic ketoacidosis
42. Drug overdose
43. Other metabolic diseases (specify_____)

Hematologic:
44. Coagulopathy/neutropenia/thrombocytopenia
45. Other hematologic condition (specify_____)

46. **Renal diseases**

47. **Other medical diseases** (specify_____)

B. POST OPERATIVE

Vascular/cardiovascular:
48. Dissecting/ruptured aorta
49. Peripheral vascular surgery (no bypass graft)
50. Valvular heart surgery
51. Elective abdominal aneurysm repair
52. Peripheral artery bypass graft
53. Carotid endarterectomy
54. Other cardiovascular diseases (specify_____)

Respiratory:
55. Respiratory infection
56. Lung neoplasm
57. Respiratory neoplasm (mouth, sinus, larynx, trachea)
58. Other respiratory diseases (specify_____)

Gastrointestinal:
59. GI perforation/rupture
60. GI inflammatory disease
61. GI obstruction
62. GI bleeding
63. Liver transplant
64. GI neoplasm
65. GI cholecystitis/cholangitis
66. Other GI diseases (specify_____)

Neurologic:
67. Intracerebral hemorrhage
68. Subdural/epidural hematoma
69. Subarachnoid hemorrhage
70. Laminectomy/other spinal cord surgery
71. Craniotomy for neoplasm
72. Other neurologic diseases (specify_____)

Trauma:
73. Head trauma (with/without multiple trauma)
74. Multiple trauma (excluding head trauma)

Renal:
75. Renal neoplasm
76. Other renal diseases (specify_____)

Gynecologic:
77. Hysterectomy

Orthopedic:
78. Hip or extremity fracture

79. **Other surgical conditions** (specify_____)

Cardiovascular Surgery:
80. CABGx1
81. CABGx2
82. CABGx3
83. CABG $\geq$4
84. Valve Surgery
85. Other (specify) _____