BLADDERSCAN COST JUSTIFICATION

OPERATIONAL DATA	**AVERAGE**
A) AVERAGE DAILY # OF PATIENTS REQUIRING CATHETERIZATION.	4
B) AVERAGE # OF CATHETERIZATIONS PER PATIENT, PER DAY.	1
C) # OF CATHETERS USED PER YEAR. **(A x B x 365)**	1460
D) % OF CATHETERS DETERMINED UNNECESSARY BY USING THE **BLADDERSCAN**. *D. Moore, K. Edwards(1997)MEDSURG Nursing*	70%
E) ANNUAL CATHETERIZATIONS AVOIDED BY USING THE **BLADDERSCAN (C x D)**	1022
F) INDICATED RATE OF UTI PER CATHETERIZATION. (If unknown, use 3%)	2%
G) INDICATED # OF UTI's AVOIDED BY USING THE **BLADDERSCAN (E x F)**	20
H) INSTITUTIONAL COST OF TREATING A Urinary Tract Infection Includes: 1. Additional Hospital stay. _____ 2. Medical supply/equipment. _____ 3. Lab Fees. _____ 4. IV supplies and other medicines. _____ _____ *Centers for Disease Control(1993)Atlanta, GA** Total Cost Per UTI	$ 1.000
I) ANNUAL SAVINGS IN Urinary Tract Infection Treatments **(G x H)**.	$ 23.000
J) COST OF DISPOSABLE CATHETER.	$ 2
K) ANNUAL SAVINGS OF DISPOSABLE CATHETERS AVOIDED **(J x E)**.	$ 2.044
L) Total Annual Cost Savings from using the BladderScan (I + K).	**$ 25.044**
M) Total Monthly Savings from using the BladderScan (L/12)	**$ 2.087**
N) Monthly Investment for the BVI 3000 BladderScan and Rolling Cart .	**$ 250**
O) Monthly Savings after Investment (M - N)	**$ 1.837**
P) Annual Savings after Investment (O x 12)	**$ 22.044**