

**Differential Value-in-Use Approach to Analyzing
Lowparin's Differential Value & Relative Worth**

A. Estimate of the expected cost per incident of post-operative clotting

Hospital Stay	4 days at	\$840	=	\$3,360	
Drug Therapy				460	
Lab costs				770	
Emergency service	60% at	\$420	=	252	
Surgery	20% at	\$5,300	=	1,060	
Expected cost				<u>\$5,902</u>	[a]

B. Estimate of the expected cost per incident of post-operative bleeding

Hospital Stay	2 days at	\$840	=	\$1,680	
Drug Therapy				320	
Lab costs				200	
Emergency service	40% at	\$420	=	168	
Surgery	15% at	\$2,900	=	435	
Expected cost				<u>\$2,803</u>	[b]

**C. Estimate Loparin's differential value and relative worth vs. standard heparin
-- Differential Value-in-Use approach**

Differences in performance - Lowparin vs standard heparin

	<u>[c]</u>	<u>[d]</u>	<u>[c-d]</u>			
	Standard Heparin	Lowparin	Lowparin vs Std Heparin			
Post-operative clotting	7%	5%	2%	x \$5,900 [a]	=	\$118
Post-operative bleeding	9%	10%	-1%	x \$2,800 [b]	=	<u>- 28</u>
				Subtotal		\$90
Differential savings -						
Lowparin vs std heparin						
+ Administration costs	4 doses	2 doses	2 doses	x \$2/dose		\$ 4
+ Lab & monitoring costs						<u>50</u>
Lowparin's differential value vs heparin per course of treatment						\$ 144 [e]
Lowparin's differential value per dose				[e/2]		\$ 72
Reference price of standard heparin	4 doses at \$3 ea/	2 doses	Lowparin			<u>6</u>
Lowparin's Relative Worth per dose vs Standard Heparin						\$ 78