







| Programs | Cost | Effectiveness | C/E | - | |
|----------|-------|---------------|-------|---|--|
| A | 2000 | 0.2 | 10000 | - | |
| В | 8000 | 0.4 | 20000 | | |
| С | 18000 | 0.6 | 30000 | | |



7



Matilde P. to a much number of years in perfect health.

| TARIE | 1-3 Cost Eff | activanass Tr | ols Applie | ad to Study | of Two Treatr | nents | |
|--------|--------------|---------------|------------|---------------------------------------|---------------|-----------|---------|
| TADLE | 4-5 C05I EII | ectiveness it | | Blood (| Category | lienis | |
| | | | HbA1c = 7 | % | Н | bA1c = 9% | 0 |
| Age | Treatment | Total Costs | QALYs | \$/QALY | Total Costs | QALYs | \$/QALY |
| 20 yrs | Early | 125,169 | 21.603 | | 142,588 | 20.455 | |
| 20 yrs | Standard | 121,614 | 21.496 | | 140,488 | 20.303 | |
| 20 yrs | Difference | 3,555 | 0.108 | 32,972 | 2,100 | 0.152 | 13,814 |
| 25 yrs | Early | 122,234 | 20.998 | | 137,970 | 19.941 | |
| 25 yrs | Standard | 118,894 | 20.914 | | 135,847 | 19.801 | |
| 25 yrs | Difference | 3,341 | 0.085 | 39,530 | 2,124 | 0.140 | 15,169 |
| 30 yrs | Early | 118,158 | 20.255 | | 132,095 | 19.290 | |
| 30 yrs | Standard | 114,739 | 20.170 | · · · · · · · · · · · · · · · · · · · | 130,053 | 19.175 | |
| 30 vrs | Difference | 3,419 | 0.086 | 39,912 | 2,042 | 0.115 | 17,778 |

| Regimen | QALYs | Cost | Total | | Cost-utility | |
|---------|-------|------|------------|---------------|--------------------|--------------------|
| | | | Population | QALYs | Cost | Ratio |
| 1 | 9 | 3800 | 15 | 135 (9*15) | 57000 (3800*15) | 422 (57000/135) |
| 2 | 8.6 | 2300 | 30 | 261 | 69000 | 264 |
| 3 | 8.3 | 1000 | 5 | 42 | 5000 | 119 |
| 4 | 7.5 | 5200 | 70 | 525 | 364000 | 693 |
| 5 | 3.8 | 300 | 50 | 190 | 15000 | 79 |











































| | ite | |
|--|---|--|
| | TABLE 4-1 How Much Is One Life Wo | rth2 |
| | Range of implied values of a human life expeople pay for various products, services, of | xtrapolated from what or regulations that can |
| | change the risk of death. | V. 1 |
| | Basis for Calculation | Value of Life (\$1990, in millions) |
| | Labor Market Studies | |
| | Leigh (1987) | \$10.4 |
| | Moore & Viscusi (1987) | \$2.5-\$7.3 |
| | Kneiser & Leeth (1991) | \$7.6 |
| | Gegax, Gerking, & Schultz (1991) | \$1.6 |
| | Outside of Labor Market Studies | |
| | Fire fatality risks | |
| | Garbacz (1989) | \$2.0 |
| | Automobile accident risks | |
| | Atkinson and Halvorsen (1990) | \$4.0 |
| | Cigarette smoking | |
| | Ippolito and Ippolito | \$0.7 |
| | Air pollution | |
| | Portney (1981) | \$0.8 |









