## Analysis of the Cost of Waiting

For: Harvey Pierce, MD


Presented By:
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## Analysis of the Cost of Waiting

To be certain of having life insurance when you need it, you should acquire it before you need it. So an important factor to consider involves the advantage of acquiring your policy now -- while your health may be the best it ever will be. Of even greater importance, should something unexpectedly happen to you in the short term, your family will be protected.

There is usually another reason for acquiring your life insurance early. The example below illustrates a comparison of buying a policy now versus waiting two years to buy it.

## Insured: Harvey Pierce, MD

 Current Age: 45Indexed Universal Life
Plan A: Buy Now*

| Initial Policy Death Benefit: | 650,000 |
| :--- | ---: |
| Policy Premium: | 30,000 |
| Number of Premiums at Age 100: | 20 |
| Cum. Premiums at Age 100: | 600,000 |
| Cum. Loan Proceeds at Age 100: | $4,200,000$ |
| Cash Value at Age 100: | $4,086,216$ |
| Death Benefit at Age 100: | $4,086,216$ |

Indexed Universal Life
Plan B: Wait Two Years to Buy**

| Initial Policy Death Benefit: | 650,000 |
| :--- | ---: |
| Policy Premium: | 30,000 |
| Number of Premiums at Age 100: | 18 |
| Cum. Premiums at Age 100: | 540,000 |
| Cum. Loan Proceeds at Age 100: | $3,325,000$ |
| Cash Value at Age 100: | $1,444,806$ |
| Death Benefit at Age 100: | $1,444,806$ |

## Cash Value Gain at Age 100 by Buying Now: $\$ 2,641,410$ Cumulative Loan Proceeds Gain at Age 100 by Buying Now: \$875,000 Death Benefit Gain at Age 100 by Buying Now: \$2,641,410 <br> Premiums Saved by Waiting Two Years to Buy: $\mathbf{\$ 6 0 , 0 0 0}$


*This illustration assumes the nonguaranteed values continue in all years. This is not likely, and actual results may be more or less favorable. This illustration is not valid unless accompanied by a basic illustration from the issuing life insurance company.

Plan B: Wait Two Years to Buy**


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## Analysis of the Cost of Waiting

## Plan A vs. Plan B

| Male | Indexed UL | Policy Owner | Male | Indexed UL |
| :---: | :---: | :---: | :---: | :---: |
| Age | Interest Rate | Tax Bracket | Age | Interest Rate |
| 45 | $6.85 \%$ | $40.00 \%$ | 47 | $6.85 \%$ |


| Year |  | Plan A: Indexed UL Issued at Age 45 |  |  |  |  | VS. | Plan B: Indexed UL Issued at Age 47 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Male Age | (1) <br> Premium Payment | (2) <br> Net Policy Loan Proceeds | (3) <br> Year End Accum Value* | (4) <br> Year End Cash Value* | (5) <br> Death <br> Benefit | Male Age | (6) <br> Premium <br> Payment | (7) <br> Net Policy Loan Proceeds | (8) <br> Year End Accum Value** | (9) <br> Year End Cash Value** | (10) <br> Death <br> Benefit |
| 1 | 45 | 30,000 | 0 | 27,302 | 8,407 | 677,302 | 45 | 0 | 0 | 0 | 0 | 0 |
| 2 | 46 | 30,000 | 0 | 56,510 | 37,881 | 706,510 | 46 | 0 | 0 | 0 | 0 | 0 |
| 3 | 47 | 30,000 | 0 | 87,699 | 69,350 | 737,699 | 47 | 30,000 | 0 | 26,991 | 6,874 | 676,991 |
| 4 | 48 | 30,000 | 0 | 121,147 | 103,090 | 771,147 | 48 | 30,000 | 0 | 55,739 | 35,934 | 705,739 |
| 5 | 49 | 30,000 | 0 | 157,109 | 139,351 | 807,109 | 49 | 30,000 | 0 | 86,316 | 66,842 | 736,316 |
| 6 | 50 | 30,000 | 0 | 195,834 | 178,382 | 845,834 | 50 | 30,000 | 0 | 119,062 | 99,919 | 769,062 |
| 7 | 51 | 30,000 | 0 | 237,567 | 220,426 | 887,567 | 51 | 30,000 | 0 | 154,284 | 135,493 | 804,284 |
| 8 | 52 | 30,000 | 0 | 282,543 | 268,263 | 932,543 | 52 | 30,000 | 0 | 192,204 | 173,763 | 842,204 |
| 9 | 53 | 30,000 | 0 | 330,995 | 319,568 | I 980,995 | 53 | 30,000 | 0 | 233,084 | 215,001 | 883,084 |
| 10 | 54 | 30,000 | 0 | 384,485 | 375,918 | \| 1,034,485 | 54 | 30,000 | 0 | 277,155 | 262,088 | 927,155 |
| 11 | 55 | 30,000 | 0 | 442,118 | 436,404 | \| 1,092,118 | 55 | 30,000 | 0 | 324,634 | 312,583 | 974,634 |
| 12 | 56 | 30,000 | 0 | 504,214 | 501,361 | [1,154,214 | 56 | 30,000 | 0 | 377,090 | 368,048 | 1,027,090 |
| 13 | 57 | 30,000 | 0 | 572,624 | 572,624 | 1,222,624 | 57 | 30,000 | 0 | 433,610 | 427,585 | 1,083,610 |
| 14 | 58 | 30,000 | 0 | 646,398 | 646,398 | -1,296,398 | 58 | 30,000 | 0 | 494,527 | 491,517 | 1,144,527 |
| 15 | 59 | 30,000 | 0 | 725,992 | 725,992 | 1,375,992 | 59 | 30,000 | 0 | 561,934 | 561,934 | 1,211,934 |
| 16 | 60 | 30,000 | 0 | 811,743 | 811,743 | 1,461,743 | 60 | 30,000 | 0 | 634,683 | 634,683 | 1,284,683 |
| 17 | 61 | 30,000 | 0 | 904,196 | 904,196 | 1,554,196 | 61 | 30,000 | 0 | 713,205 | 713,205 | 1,363,205 |
| 18 | 62 | 30,000 | 0 | 1,003,941 | 1,003,941 | 1,653,941 | 62 | 30,000 | 0 | 797,947 | 797,947 | 1,447,947 |
| 19 | 63 | 30,000 | 0 | 1,111,601 | 1,111,601 | 1,761,601 | 63 | 30,000 | 0 | 889,413 | 889,413 | 1,539,413 |
| 20 | 64 | 30,000 | 0 | 1,227,803 | 1,227,803 | 1,877,803 | 64 | 30,000 | 0 | 988,137 | 988,137 | 1,638,137 |
| 21 | 65 | 0 | 120,000 | 1,322,830 | 1,217,830 | [1,482,396 | 65 | 0 | 95,000 | 1,064,476 | 964,726 | 1,177,621 |
| 22 | 66 | 0 | 120,000 | 1,424,062 | 1,208,812 | 1,479,384 | 66 | 0 | 95,000 | 1,145,624 | 941,136 | 1,158,805 |
| 23 | 67 | 0 | 120,000 | 1,531,917 | 1,200,905 | 1,476,650 | 67 | 0 | 95,000 | 1,231,884 | 917,422 | 1,139,161 |
| 24 | 68 | 0 | 120,000 | 1,646,826 | 1,194,263 | 1,474,223 | 68 | 0 | 95,000 | 1,323,590 | 893,655 | 1,118,665 |
| 25 | 69 | 0 | 120,000 | 1,769,248 | 1,189,057 | 1,472,137 | 69 | 0 | 95,000 | 1,421,098 | 869,916 | 1,097,291 |
| 26 | 70 | 0 | 120,000 | 1,899,700 | 1,185,499 | 1,470,454 | 70 | 0 | 95,000 | 1,524,806 | 846,315 | 1,075,036 |
| 27 | 71 | 0 | 120,000 | 2,038,968 | 1,184,057 | 1,449,123 | 71 | 0 | 95,000 | 1,635,261 | 823,096 | 1,035,680 |
| 28 | 72 | 0 | 120,000 | 2,187,741 | 1,185,085 | 1,425,736 | 72 | 0 | 95,000 | 1,752,974 | 800,451 | 993,278 |
| 29 | 73 | 0 | 120,000 | 2,346,789 | 1,189,000 | -1,400,211 | 73 | 0 | 95,000 | 1,878,566 | 778,667 | 947,738 |
| 30 | 74 | 0 | 120,000 | 2,516,966 | 1,196,287 | -1,372,474 | 74 | 0 | 95,000 | 2,012,685 | 758,040 | 898,928 |
|  |  | 600,000 | 1,200,000 |  |  |  |  | 540,000 | 950,000 |  |  |  |

*This illustration assumes the nonguaranteed values continue in all years. This is not likely, and actual results may be more or less favorable. This illustration is not valid unless accompanied by a basic illustration from the issuing life insurance company.
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## Analysis of the Cost of Waiting

## Plan A vs. Plan B

| Male | Indexed UL |
| :---: | :---: |
| Age | Interest Rate |
| 45 | $6.85 \%$ |

Policy Owner
Tax Bracket
$40.00 \%$

| Male | Indexed UL |
| :---: | :---: |
| Age | Interest Rate |
| 47 | $6.85 \%$ |


| Year |  | Plan A: Indexed UL Issued at Age 45 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Male <br> Age | (1) <br> Premium <br> Payment | (2) <br> Net Policy <br> Loan Proceeds | (3) <br> Year End Accum Value* | (4) <br> Year End Cash Value* | (5) <br> Death <br> Benefit |
| 31 | 75 | 0 | 120,000 | 2,699,233 | 1, 1,207,520 | [1,342,482 |
| 32 | 76 | 0 | 120,000 | 2,893,742 | -1,222,444 | -1,367,131 |
| 33 | 77 | 0 | 120,000 | 3,101,313 | - 1,241,449 | - 1,396,515 |
| 34 | 78 | 0 | 120,000 | 3,322,804 | -1,264,948 | - 1,431,088 |
| 35 | 79 | 0 | 120,000 | 3,559,141 | -1,293,392 | -1,471,349 |
| 36 | 80 | 0 | 120,000 | 3,811,240 | -1,327,204 | 1,517,766 |
| 37 | 81 | 0 | 120,000 | 4,079,940 | $\square 1,366,702$ | 1,570,699 |
| 38 | 82 | 0 | 120,000 | 4,366,226 | 1,412,326 | -1,630,637 |
| 39 | 83 | 0 | 120,000 | 4,671,090 | 1,464,495 | $\square 1,698,049$ |
| 40 | 84 | 0 | 120,000 | 4,995,494 | $\square 1,523,569$ | $\square 1,773,344$ |
| 41 | 85 | 0 | 120,000 | 5,340,336 | 1,589,814 | $\square 1,856,831$ |
| 42 | 86 | 0 | 120,000 | 5,706,559 | 1,663,512 | $\square 1,948,840$ |
| 43 | 87 | 0 | 120,000 | 6,094,938 | $\square 1,744,738$ | $\square 2,049,485$ |
| 44 | 88 | 0 | 120,000 | 6,505,939 | 1,833,229 | $\square \mathbf{2 , 1 5 8 , 5 2 6}$ |
| 45 | 89 | 0 | 120,000 | 6,940,034 | $\square 1,928,689$ | $\square 2,275,690$ |
| 46 | 90 | 0 | 120,000 | 7,397,407 | 2,030,494 | $\square$ 2,400,365 |
| 47 | 91 | 0 | 120,000 | 7,887,311 | $\square 2,147,053$ | $\square$ 2,462,545 |
| 48 | 92 | 0 | 120,000 | 8,414,658 | 2,282,387 | 2,534,827 |
| 49 | 93 | 0 | 120,000 | 8,985,955 | 2,442,070 | 2,621,790 |
| 50 | 94 | 0 | 120,000 | 9,609,431 | 2,633,352 | 2,729,446 |
| 51 | 95 | 0 | 120,000 | 10,294,946 | 2,865,063 | 2,865,063 |
| 52 | 96 | 0 | 120,000 | 11,029,925 | 3,123,548 | 3,123,548 |
| 53 | 97 | 0 | 120,000 | 11,818,046 | 3,411,350 | 3,411,350 |
| 54 | 98 | 0 | 120,000 | 12,663,268 | 3,731,237 | 3,731,237 |
| 55 | 99 | 0 | 120,000 | 13,569,849 | 4,086,216 | 4,086,216 |

$$
\overline{400,000} \begin{aligned}
& 4,200,000
\end{aligned}
$$

| VS. | Plan B: Indexed UL Issued at Age 47 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Male <br> Age | (6) <br> Premium <br> Payment | (7) <br> Net Policy <br> Loan Proceeds | (8) <br> Year End <br> Accum <br> Value** | (9) <br> Year End Cash Value** | (10) <br> Death <br> Benefit |
| 75 | 0 | 95,000 | 2,156,060 | 738,933 | 846,736 |
| 76 | 0 | 95,000 | 2,308,763 | 721,029 | 836,467 |
| 77 | 0 | 95,000 | 2,471,398 | 704,528 | 828,098 |
| 78 | 0 | 95,000 | 2,644,595 | 689,632 | 821,862 |
| 79 | 0 | 95,000 | 2,829,034 | 676,573 | 818,024 |
| 80 | 0 | 95,000 | 3,025,384 | 665,549 | 816,818 |
| 81 | 0 | 95,000 | 3,234,240 | 656,663 | 818,375 |
| 82 | 0 | 95,000 | 3,456,315 | 650,110 | 822,925 |
| 83 | 0 | 95,000 | 3,692,321 | 646,055 | 830,671 |
| 84 | 0 | 95,000 | 3,942,939 | 644,610 | 841,757 |
| 85 | 0 | 95,000 | 4,208,829 | 645,834 | 856,275 |
| 86 | 0 | 95,000 | 4,490,664 | 649,769 | 874,302 |
| 87 | 0 | 95,000 | 4,788,928 | 656,238 | 895,685 |
| 88 | 0 | 95,000 | 5,103,896 | 664,822 | 920,017 |
| 89 | 0 | 95,000 | 5,435,839 | 675,060 | 946,852 |
| 90 | 0 | 95,000 | 5,784,797 | 686,230 | 975,470 |
| 91 | 0 | 95,000 | 6,157,903 | 704,657 | 950,973 |
| 92 | 0 | 95,000 | 6,558,858 | 733,200 | 929,966 |
| 93 | 0 | 95,000 | 6,992,587 | 775,897 | 915,748 |
| 94 | 0 | 95,000 | 7,465,329 | 838,053 | 912,707 |
| 95 | 0 | 95,000 | 7,984,554 | 926,165 | 926,165 |
| 96 | 0 | 95,000 | 8,540,295 | 1,029,237 | 1,029,237 |
| 97 | 0 | 95,000 | 9,135,215 | 1,148,854 | 1,148,854 |
| 98 | 0 | 95,000 | 9,772,176 | 1,286,747 | 1,286,747 |
| 99 | 0 | 95,000 | 10,454,257 | 1,444,806 | 1,444,806 |

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## Analysis of the Cost of Waiting

## Matching Values

| Male | Policy Owner |
| :---: | :---: |
| Age | Tax Bracket |
| 45 | $40.00 \%$ |

Gross Interest Rate Required over 55 Years on a Hypothetical Taxable Investment Equal to the Difference in Premiums Between Plan A and Plan B in Order to Match the Increase in Cash Value and Death Benefit of Plan A over Plan B.

Hypothetical
Taxable
Alternative
To match increase in Cash Value of $\$ 2,641,410$ :
To match increase in Death Benefit of $\$ 2,641,410$ :
16.30\%
16.30\%



## Plan A: Buy Now

This illustration assumes the nonguaranteed values continue in all years. This is not likely, and actual results may be more or less favorable. This illustration is not valid unless accompanied by a basic illustration from the issuing life insurance company.

## Plan B: Wait Two Years to Buy

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## Analysis of the Cost of Waiting

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## 55 Year Analysis

Indexed Universal Life<br>Plan A: Buy Now



Indexed Universal Life Plan B: Wait Two Years to Buy


## Comparative Analysis of Values




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