

Looking at the chart, I can see that the increase did begin before the use of the pill became widespread, but the really dramatic part of the increase has occurred since 1962. Therefore, this increase does in fact parallel quite closely the increase in the use of the pill.

I can see some other difficulties with the chart in that it makes no distinction by sex, age, or any other factor. However, the thing that really strikes me is that there were no pill users at all among those victims.

Does this not seem a little strange in view of the large numbers of women taking the pill during much of this period?

Dr. GOLDZIEHER. I can only accept the statement as it appears in the British literature.

Senator McINTYRE. You can't tell us how it was determined that none of the victims were using the pill?

Dr. GOLDZIEHER. I can only refer back to the original document and go through it with you, word by word.

Senator McINTYRE. Did this information come from the British Medical Journal?

Dr. GOLDZIEHER. I don't remember. I would have to look up the reference.¹

Senator McINTYRE. I would like you to supply it for the record.

Dr. Goldzieher, where did you obtain the statistics contained in the table on page 12 concerning unwanted pregnancies and deaths associated with different types of contraceptives?

Do you know how these statistics were derived and how accurate they may be? Do you think that they are any more reliable than those in the British study, and the Sartwell studies, of which you were quite critical?

Dr. GOLDZIEHER. Senator, I think Dr. Hellman attempted to answer this question, and I can only echo what he said. The numbers themselves are clearly ball-park figures, since the difference between higher socioeconomic and lower socioeconomic level is a factor of five, so that you can take any population of a socioeconomic status anywhere in between there, and arrive at any particular number you choose.

You can find such calculations in Dr. Potts' book. You can find calculations such as this in a publication by Drs. Segal and Tieze in one of their recent "Reports on Population/Family Planning," October 1969.

They are not difficult to obtain from any text which gives approximate frequencies for failure rates, for the various contraceptive methods.

Senator McINTYRE. Any text? You are referring us to any text that deals with this subject? Are there any publications?

Dr. GOLDZIEHER. There is a book by Dr. Potts, which Dr. Wynn just had on the table here, which he took to task. I believe that table will be in there. I believe the same table is in Dr. Potts' publication from the Fourth Asian Congress of Obstetrics and Gynecology, pp. 151-159.

Senator McINTYRE. I just comment to say that these figures that I have produced here on page 12 don't seem to jibe with any that we have received from Dr. Hellman, but I want to thank you very much, Doctor.

¹ Dr. Goldzieher subsequently supplied the following reference: "C. A. Loehry, Brit. Med J., 1: 1327-1328, 1966."