

Mr. DUFFY. You would infer that. But it is your testimony that at this particular time we lack sufficient scientific data and studies to answer the question either affirmatively or negatively; is that correct?

Dr. HERTZ. That is the statement of the second report of the committee for the Food and Drug Administration in which we state—

Mr. DUFFY. Is that your statement also?

Dr. HERTZ. That is my statement, and I subscribe to this, and we state on page 7 of our report: "that lacking conclusive information about the applicability of existing animal data to women and sufficient observations of human disease, the committee concludes that potential carcinogenicity of the oral contraceptives can be neither affirmed or not excluded at this time," and we go on to say clinical surveillance of all women taking contraceptives must be continued. "A major effort to resolve the questions about steriod induced carcinogenicity in human beings should be undertaken," and later in my statement I will cite some of these undertakings on the part of the Food and Drug Administration and on the part of the National Institute of Child Health and Human Development from whom you will hear later.

Mr. DUFFY. You fully subscribe to the statements of the committee which you just now read to the committee?

Dr. HERTZ. That segment of the report I fully support. That segment.

Senator NELSON. If I understand your statement correctly, however, in controlled animal experiments the artificial introduction of synthetic estrogens cause cancer in all the animals you named in your testimony?

Dr. HERTZ. Yes, sir.

Senator NELSON. I assume that this was cancer that occurred that would not have occurred in that period of time had not the synthetic estrogens been introduced, is that correct?

Dr. HERTZ. That is correct. The controlled animals in some experiments will show a low spontaneous incidence in that period of time. In other experiments they would show none.

Senator NELSON. Thank you.

Mr. GORDON. Doctor, I think in your report of the subcommittee on—

Dr. HERTZ. Talking of the second or first report, Mr. Gordon?

Mr. GORDON. The second report.

Dr. HERTZ. Yes, sir.

Mr. GORDON. Do you not say that repeatedly oral contraceptives have caused tumors in five species on animals?

Dr. HERTZ. Yes.

Mr. GORDON. Is this true for every time it has been tested?

Dr. HERTZ. For every species in which it has been tested you mean or for every occasion on which—

Mr. GORDON. I think it says five species, right?

Dr. HERTZ. That is correct, yes.

Mr. GORDON. And the word is "repeatedly." Have there been any exceptions when estrogen—

Dr. HERTZ. In any biological test system there may be conditions of animal selection, of diet, of animal maintenance of hygiene in the animals, and so on, in which variable results will be obtained.