

THE FREQUENCY OF BETHESDA CRITERIA BY SEARCH OF A LARGE CANCER REGISTRY (SEER) DATABASE

SEER acronym = Surveillance, Epidemiology and End Result

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SEER CANCER REGISTRY DATABASE - DESCRIPTION

1. A public access database
2. Comprised of twelve regional databases, nine dating from 1973.
3. Demographically representative of the US population.
4. Format is standardised for all US regional databases. Family history information is not included.

SEER CANCER REGISTRY DATABASE - DESCRIPTION

6. Cancer incident record – one record for each cancer except common skin cancers. No benign polyp records
7. No personal identifying data
8. Each patient has his/her own unique identifying number
9. Approximately 1.5 million cancer records
10. As of 2002, 363,000 colon cancers in the 9 oldest registries. Only these registries were used in this study

RESULTS

Two written HNPCC – associated cancers	24,583
Young colon or endometrial cancer	15,163
Undifferentiated, solid or cribriform etc	9
Young with signet ring pattern	<u>251</u>
TOTAL	40,006

THUS, for every 100 recorded patients with a colon cancer there were 11 patients found by database search that satisfied at least one Bethesda criterion.

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