

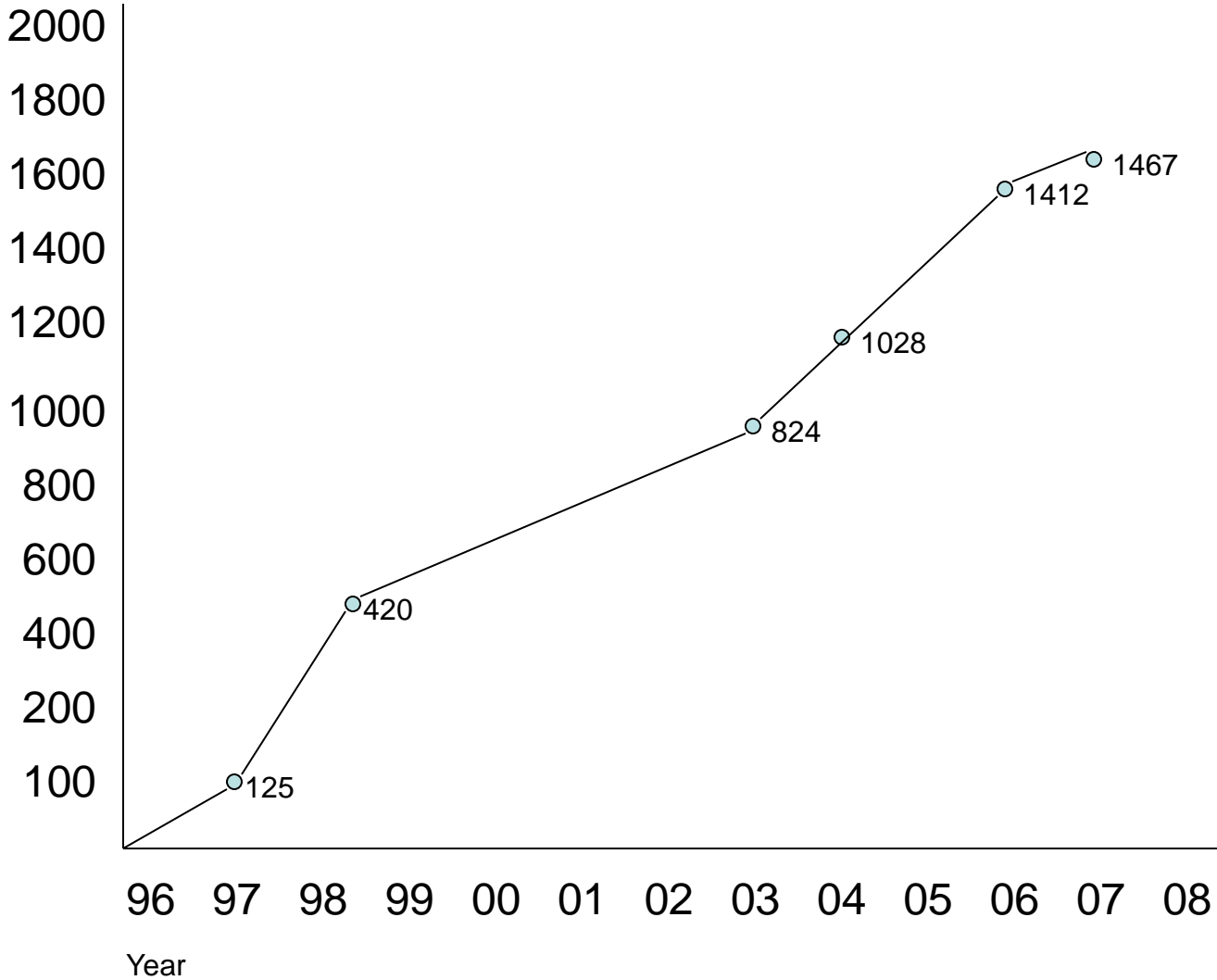
# Childhood Cancer Survivor Study (U24 CA55727)

Report of the  
Pathology Center  
Sue Hammond, M.D.

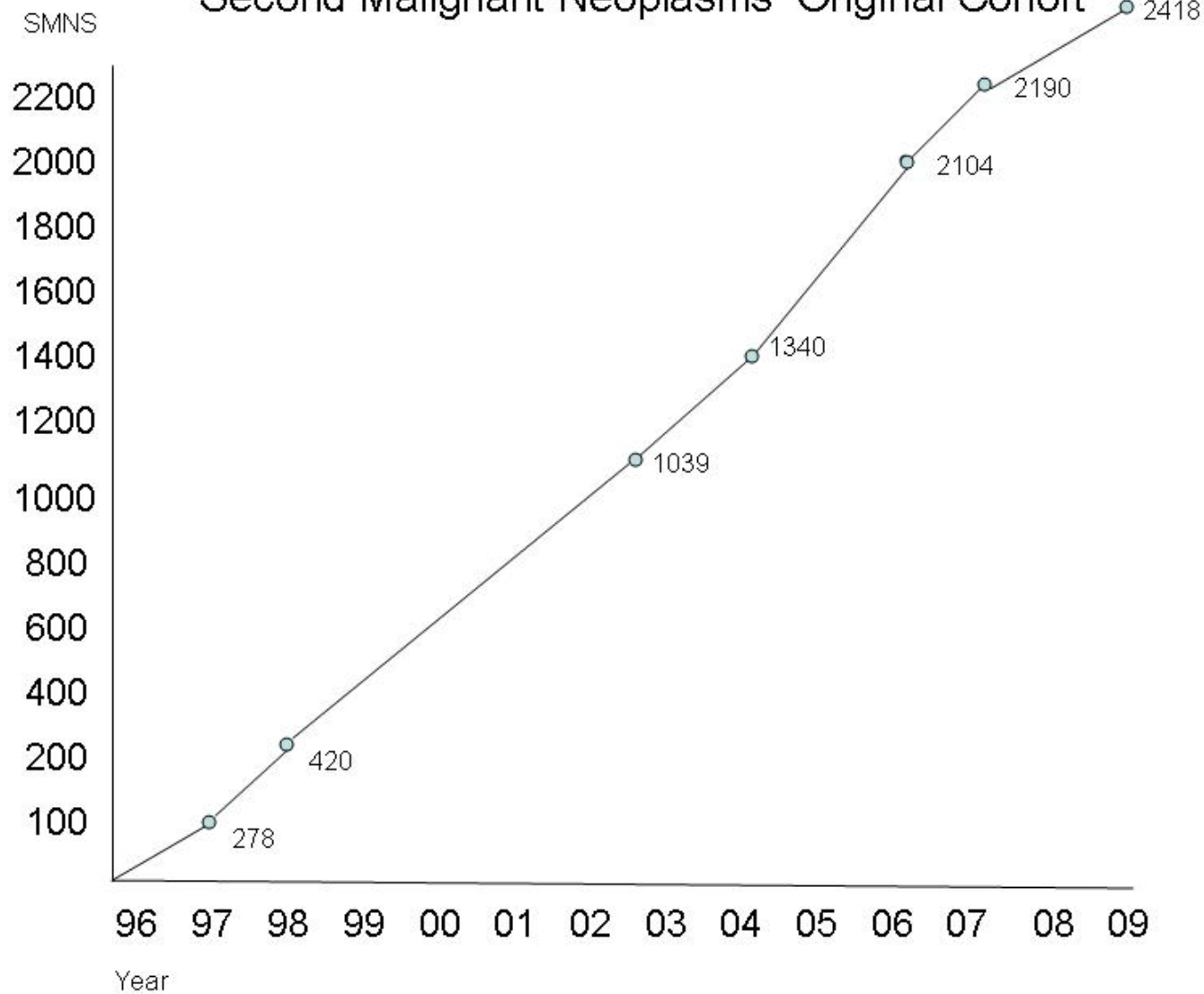
CCSS Investigator Meeting  
Williamsburg, VA  
June 9-10, 2010

## Patients with Second Malignant Neoplasms

Patients



## Second Malignant Neoplasms Original Cohort



## CCSS Pathology

Paraffin Archive

N = 188

- 53 breast cancer (43/10)
- 27 thyroid cancer
- 27 meningiomas (mixed)
- 17 sarcomas, soft tissue and bone
- 15 brain tumors (mixed)

## CCSS BioPathology

### Paraffin Archive (con't)

- 12 adenocarcinomas (mixed, not brst)
- 10 lymphomas/leukemias
- 11 skin
- 16 miscellaneous, including
  - 4 Ovary
  - 3 RCC
  - 3 salivary gland

## CCSS Pathology

- Paraffin material sent to one investigator for an array CGH project.
- Request was for breast cancers.
- 52 cases provided.
- Results pending.

	<b>Leukemia</b>	<b>CNS</b>	<b>Hodgkin's</b>	<b>NHL</b>	<b>Kidney</b>	<b>NBL</b>	<b>Sarcoma</b>	<b>Bone</b>	<b>Other</b>	<b>Total</b>
BCC	279	111	436	60	20	8	31	26	258	1229
Bone	6	five	5	4	5	1	13	10	3	52
Breast CA	19	5	145	8	8	2	17	36	23	263
Breast in-situ	0	0	2	0	0	0	0	2	10	14
CNS glial	3	2	1	1	0	0	0	1	7	15
CNS meningioma	80	64	1	5	0	0	5	2	32	189
CNS PNET	4	1	1	0	1	0	0	0	0	7
CNS other	36	19	10	4	4	6	8	4	1	92
ALL	1	0	0	0	2	1	0	2	1	7
AML	1	0	5	0	0	1	0	2	1	10
leukemia other	7	3	11	3	0	3	4	3	0	34
Hodgkin's	2	1	0	2	0	1	2	0	0	8
NHL	8	2	16	2	0	0	0	1	5	34
Sarcoma other	1	1	5	3	3	1	3	1	9	27
SCC	21	2	27	5	5	2	9	8	2	81
Thyroid	27	14	49	7	3	8	7	11	23	149
Other	59	33	80	13	15	15	39	25	24	303
Total	554	263	794	117	66	49	138	134	399	2514

## CCSS Expanded Cohort

(first 49 cases reviewed)

- |                |    |                     |   |
|----------------|----|---------------------|---|
| • Thyroid CA   | 4  | • Leukemia/Lymphoma | 4 |
| • Brain tumors | 11 | • Head and Neck CA  | 3 |
| • Meningiomas  | 2  | • BCC               | 3 |
| • Sarcomas     | 6  | • Melanoma          | 1 |
| • Breast CA    | 1  | • Benign Tumors     | 4 |
| • Other CA     | 1  | • Recurrence        | 9 |