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Μετεκπαιδευτικό
Συνέδριο
Θεραπευτικών
Εξελίξεων
στην Ογκολογία

15-16
Ιανουαρίου 2016
Αμφιθέατρο ΙΑΣΩ
Μαρούσι | Αθήνα

Οργάνωση
Ελληνική Ογκολογική
Ερευνητική Ομάδα



ακτινοθεραπευτική προσέγγιση ολιγομεταστατικής νόσου

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Ακτινοθεραπευτής Ογκολόγος

the concept of oligometastases

- “cancer comprises a biological spectrum, extending from when a disease is localized, to one that is systemic when first detectable **but with many intermediate states.**”
- “an attractive consequence of the oligometastatic state is that some patients should be amenable to a curative therapeutic strategy”

oligometastases, not a new idea

ADENOCARCINOMA OF THE KIDNEY WITH METASTASIS TO THE LUNG

CURED BY NEPHRECTOMY AND LOBECTOMY¹

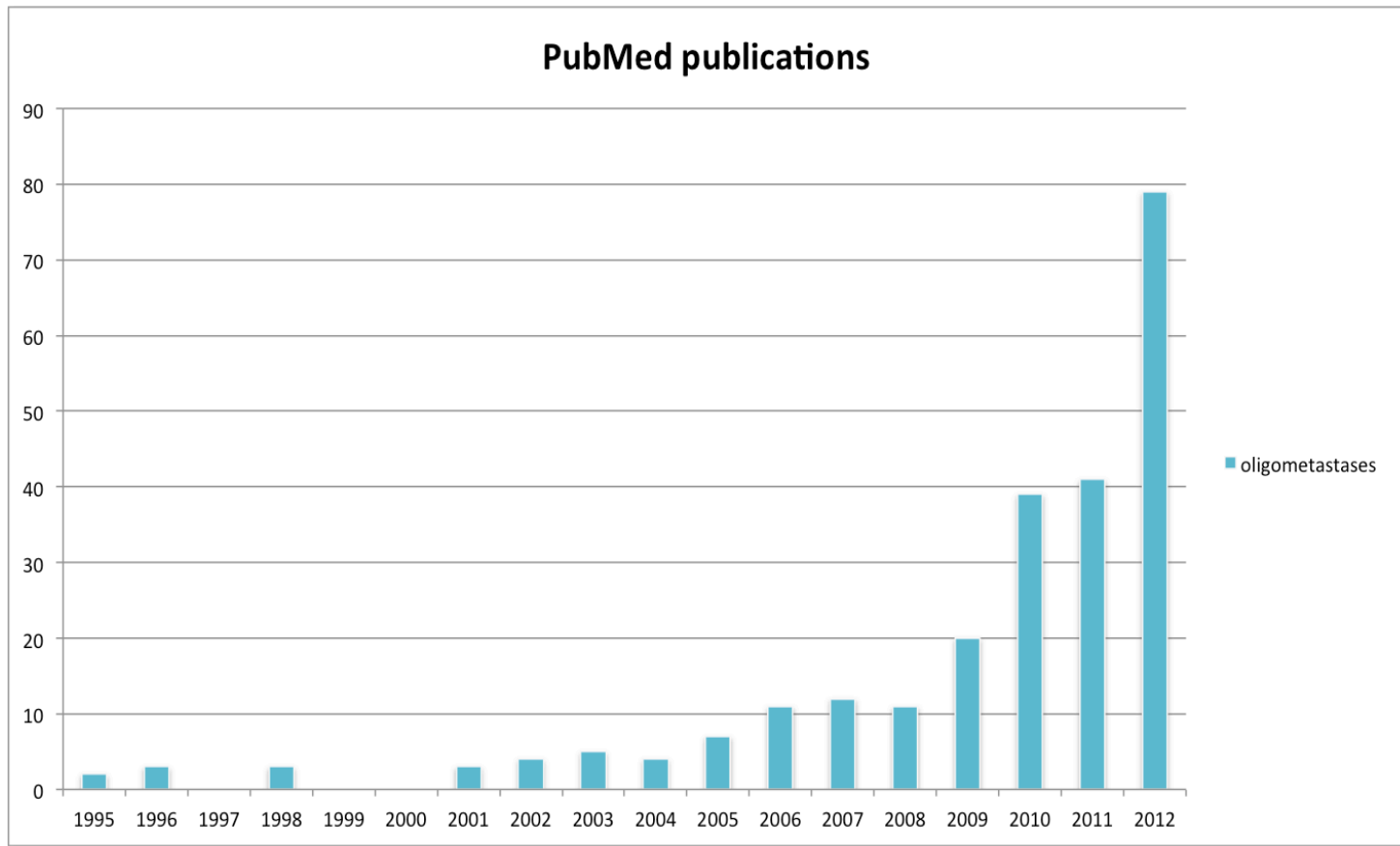
J. DELLINGER BARNEY AND EDWARD J. CHURCHILL

From the Surgical Services of the Massachusetts General Hospital

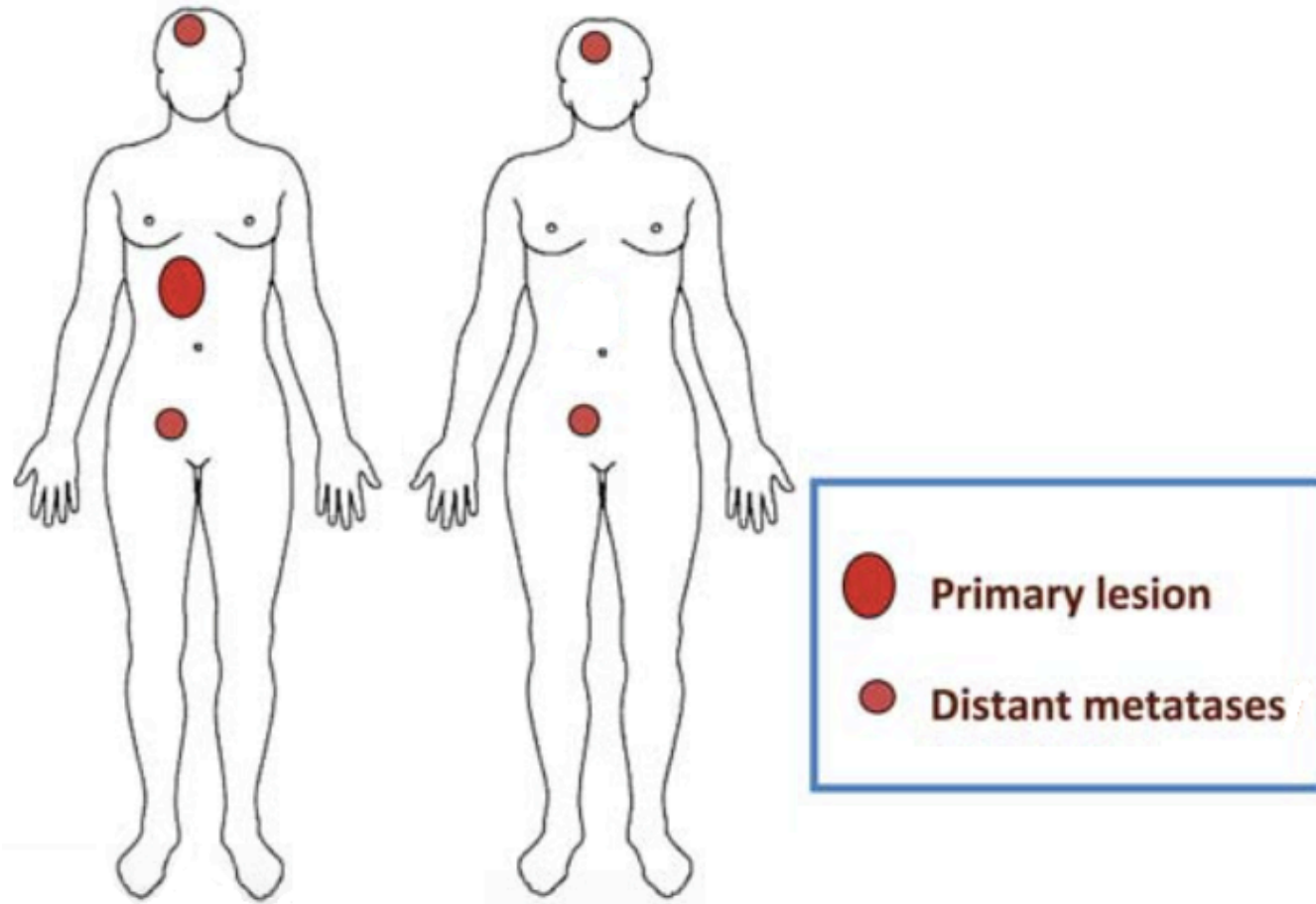
May 2, 1938.

- 55 year-old woman with primary renal carcinoma and lung metastasis.
- treated with nephrectomy, radiotherapy to the metastasis (800 rad in 11 fractions)
- partial lobectomy after progression
- patient ultimately died of other causes after 23 years
 - “if a metastasis is apparently solitary and accessible to surgical removal, it is definitely worth while to undertake removal of the metastasis as well as the primary growth”

oligometastases, increasing research interest



the question of oligometastases/oligorecurrence



synchronous

metachronous/
oligorecurrence

outline

- part I: the evidence
- part II: gaps in the evidence
- part III: SBRT

part I: the evidence



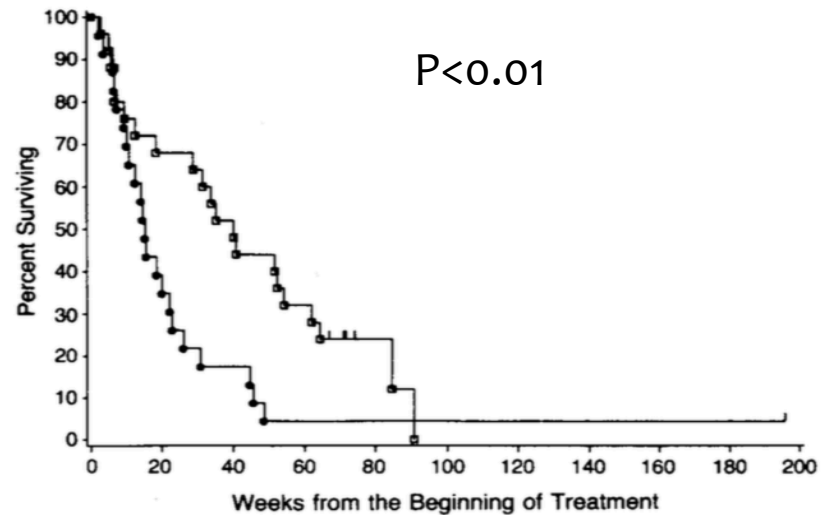
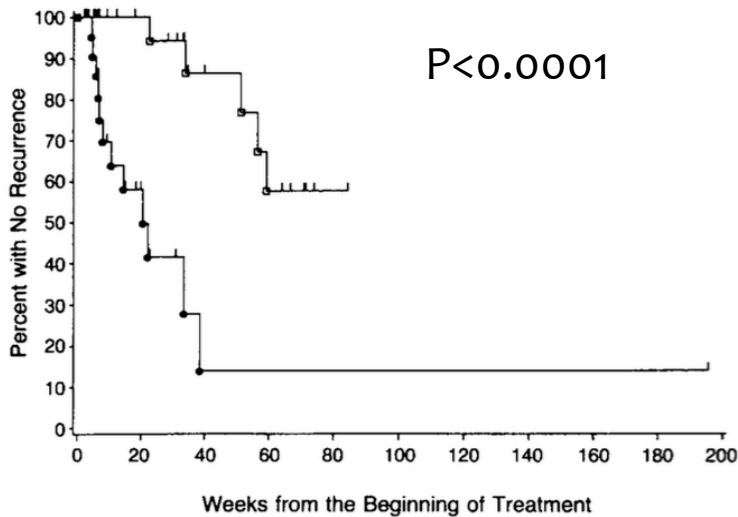
the evidence: intracranial oligometastases



The NEW ENGLAND
JOURNAL of MEDICINE

A Randomized Trial of Surgery in the Treatment of Single Metastases to the Brain

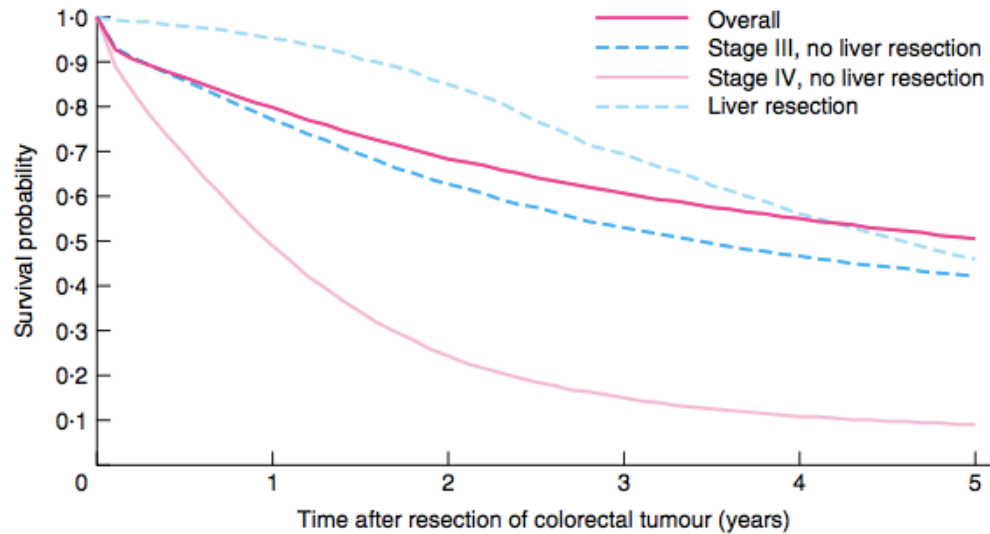
Roy A. Patchell, M.D., *N Engl J Med* 1990; 322:494-500 | February 22, 1990



the evidence: extracranial oligometastases

BJS Europe's premier surgical journal

Surgical management and outcomes of colorectal cancer liver metastases



No. at risk	0	1	2	3	4	5
Overall	114 155	90 868	78 122	69 186	62 668	48 188
Stage III, no liver resection	34 805	26 846	21 803	18 413	16 210	12 241
Stage IV, no liver resection	9459	4613	2297	1398	1030	701
Liver resection	3116	2973	2657	2169	1748	1108

the evidence: lung metastectomy

THE JOURNAL OF **THORACIC** AND **CARDIOVASCULAR SURGERY**

LONG-TERM RESULTS OF LUNG METASTASECTOMY: PROGNOSTIC ANALYSES BASED ON 5206 CASES

Ugo Pastorino, MD

