Συνέδριο Θεραπευτικών Εξελίξεων στην Ογκολογία





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Οργάνωση Ερευνητικό & Εκπαιδευτικό Ινστιτούτο Κλινικής Ογκολογίας



Υπό την Αιγίδα των



αντιμετώπιση ολιγομεταστατικής νόσου στον καρκίνο του μαστού

Ιωάννης Γεωργακόπουλος MD, PhD Ακτινοθεραπευτής Ογκολόγος oligometastatic disease general facts

general facts

metastatic breast cancer

- stage IV at diagnosis: 3.5 7%
- 30 40% of pts will develop widespread metastases
- incurable disease
- improved OS with optimized systemic therapy
- 1 3% of pts who achieve CR remain free of disease even beyond 20 y
 - young
 - good PS
 - limited metastatic disease

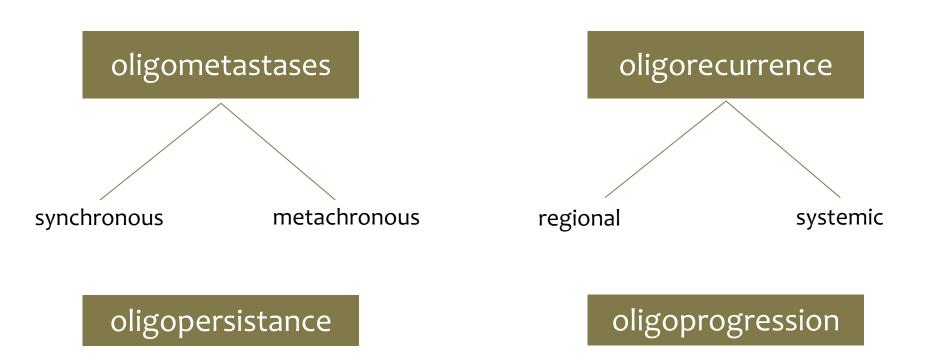
- Halsted theory:
 - orderly spread of cancer from the initial primary tumor to regional draining lymph nodes
- Fisher proposal:
 - disease already systemically disseminated at the time of diagnosis

- Hellman S and Weichselbaum RR (JCO 1995, Nat Rev Clin Oncol 2011)
 - pts with a limited number of clinically detectable metastatic tumours
 - hypothetic transitional state between localized and widespread systemic disease
 - local control of oligometastasis could delay (or avoid) the systemic spreading?
- oligometastasis
 - metastatic state with limited burden
 - 1 to 5 metastasis

"subset of pts with limited volume metastatic disease who not only have an improved prognosis, but in whom treatment of the oligometastatic site(s) impacts survival"

Hellman and Weichselbaum, JCO 1995

- there is no consensus on the definition of oligometastasis in general
- a generic definition is available
- however, we have to tailor the definition, at least, according to:
 - the topic of "detectable" metastasis
 - the time interval between diagnosis of primary and diagnosis of oligo-met
 - the nature of the primary tumor



definitions

synchronous oligometastatic disease:

de-novo presentation of oligo-metastases

metachronous oligometastatic disease:

after period of initial disease-free interval, new presentation of oligometastases

oligoprogressive disease:

majority of metastatic disease controlled by systemic treatment but a few "resistant" clones progress

oligorecurrence:

limited metastases in the presence of a treated (controlled) primary lesion

tailored definition & treatment strategy

- number of met detected by the ideal method?
- taken into account the natural history of the disease?
- taken into account the available method for treating oligometastasis?
- taken into account previously done treatment?
- including the "aim" of local treatment of oligometastasis

Cure the patient?

Avoid or delay the starting of systemic treatment?

definitions

"True" oligometastatic disease: relative steady-state and slowly growing disease. In this case, local control of oligometastases makes sense

"False" oligometastatic disease. In this case the occult systemic spreading is ongoing, but a limited number of metastatic sites are detectable. In this case, systemic treatment is needed