

Breast cancer intracranial metastases epidemiology

In adults, lung and breast Ca together account for > 50% of cerebral mets

Intracranial metastases commonly occurs in breast cancer and has been identified in about 20% to 24% of breast cancer patients ^{1) 2)}.

It is the 2nd commonest cause of intracranial metastases after lung cancer ³⁾.

As patients with advanced breast cancer live longer due to improvements in systemic therapies, the incidence of brain metastases (BM) appears to be increasing ⁴⁾.

1)

De Ieso PB, Schick U, Rosenfelder N, Mohammed K, Ross GM. Breast cancer brain metastases: a 12 year review of treatment outcomes. *Breast*. 2015;24:426–433.

2)

Rostami R, Mittal S, Rostami P, Tavassoli F, Jabbari B. Brain metastasis in breast cancer: a comprehensive literature review. *J Neurooncol*. 2016;127:407–414.

3)

Barnholtz-Sloan JS, Sloan AE, Davis FG, Vigneau FD, Lai P, Sawaya RE. Incidence proportions of brain metastases in patients diagnosed (1973–2001) in the metropolitan detroit cancer surveillance system. *J Clin Oncol*. 2004;22(14):2865–2872. doi:10.1200/JCO.2004.12.149.

4)

Frisk G, Svensson T, Backlund LM, Lidbrink E, Blomqvist P, Smedby KE. Incidence and time trends of brain metastases admissions among breast cancer patients in Sweden. *Br J Cancer*. 2012;106(11):1850–1853. doi:10.1038/bjc.2012.163.

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