## Multi-Criteria Assessment Problems in Breast Cancer Surgery

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**Abstract**: It is well known that in the breast cancer surgery, of paramount importance is to choose the best surgery type according to the patient's disease stage. The best choice is possible to be made by computing, in the *Multiple Attribute Decision Making* paradigm, the merits of all types of surgery that can be applied. The main issues are the diverse assessment problems with conflicting criteria and different measure units. Therefore both the physician and the patient have a good scientific tool in their practical decision process.

Keywords: Breast cancer, Surgery schema, Merits' Assessment, Multiple Attribute Decision Making, Decision Analysis.