**PICOS Worksheet and Search Strategy**

1. Define your question using PICOS by identifying: Patient Population or Problem, Intervention (treatment/test), Comparison (group or treatment), Outcomes, and Setting.

**Patient/Problem:** prognostic value of BRCA mutations

**Intervention:** not applicable (Endpoint: prognosis)

**Comparison:** sporadic or BRCA negative breast cancer cases

**Outcomes:** overall survival, breast cancer specific survival, recurrence free survival, distant metastasis free survival

**Setting:** breast cancer patients

**QUESTION:** Does BRCA mutational status affect prognostic outcomes of breast cancer patients?

1. Type of question/problem: Prognosis
2. Type of study (Publication Type) to include in the search:

†Meta-Analysis

†Systematic Review

†Randomized Controlled Trial

X Cohort Study

†Case Control Study

†Case series or Case Report

†Animal Research

†In Vitro/Lab Research

†Editorials, Letters, Opinions

1. List main topics and alternate terms from your PICOS question that can be used for your search:

* BRCA mutations
* Breast cancer, breast neoplasm, breast tumor
* Survival
* Prognosis
* Humans

List your inclusion criteria –gender, age, year of publication, language

* Patients affected by breast cancer
* Females
* Pubblication until 31 May 2015

1. List where you plan to search, i.e., CINAHL, MEDLINE, PubMed, PyscINFO, Dissertations/Thesis

PubMed database