

Personalised Cancer Medicine Flashcards 2021

Prostate Cancer

Standard

BRCA1 and BRCA2*

*germ-line or somatic

Recommended

Microsatellite instability*
HRR Profound panel * (somatic)

* By either IHC (MLH1, PMS2, MSH2 a MSH6) or by genomic study(BAT25 and BAT26, D2S123, D5S346 and D17S250).

Currently not recommended

Androgen receptor aberrations
PDL1
PTEN

The **Standard** category is based on current treatment indications with approved funding by the Spanish National Health System
The **Recommended** category is based on current recommendations by EMEA and FDA

1. de Bono J, Mateo J, Fizazi K, et al. Olaparib for Metastatic Castration-Resistant Prostate Cancer. N Engl J Med. 2020 May 28;382(22):2091-2102. doi: 10.1056/NEJMoa1911440.
2. To SQ, Kwan EM, Fettke HC, et al. Expression of Androgen Receptor Splice Variant 7 or 9 in Whole Blood Does Not Predict Response to Androgen-Axis-targeting Agents in Metastatic Castration-resistant Prostate Cancer. Eur Urol. 2018 Jun;73(6):818-821. doi: 10.1016/j.eururo.2018.01.007.
3. Beltran H, Antonarakis ES, Morris MJ, Attard G. Emerging Molecular Biomarkers in Advanced Prostate Cancer: Translation to the Clinic. Am Soc Clin Oncol Educ Book. 2016;35:131-41. doi: 10.1200/EDBK_159248.