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- KEYNOTE-921 (NCT03834506) is a randomized, global, parallel-group, double-blind, phase 3 trial to compare the efficacy and safety of pembrolizumab + docetaxel and prednisone/prednisolone with that of placebo + docetaxel and prednisone/prednisolone in patients with mCRPC whose disease progressed on a next-generation hormonal agent (NHA) and who have not received chemotherapy

- To compare the following for pembrolizumab + docetaxel and prednisone/prednisolone versus placebo + docetaxel and prednisone/prednisolone in patients with mCRPC who have not received chemotherapy and whose disease progressed on an NHA

- To compare the following for pembrolizumab + docetaxel and prednisone/prednisolone versus placebo + docetaxel and prednisone/prednisolone in patients with mCRPC who have not received chemotherapy and whose disease progressed on an NHA

efficacy and safety of pembrolizumab +
doxorubicin + docetaxel and prednisone/prednisolone
vs. pembrolizumab + docetaxel + next-generation hormonal agent (NHA) and

- Treatment in either arm will continue until radiographic disease progression, unacceptable toxicity, intercurrent illness that prevents further administration of treatment, investigator's decision to withdraw the patient, nonadherence to study intervention, withdrawal of consent, or completion of 35 cycles of pembrolizumab or placebo

BID, twice daily; ECOG PS, Eastern Cooperative Oncology Group performance status; PO, orally; Q9W, every 9 weeks; Q12W, every 12 weeks; R, randomization.

CT, computed tomography; mHSPC, metastatic hormone-sensitive prostate cancer; MRI, magnetic resonance imaging.

^aPatients whose disease spread is limited to regional pelvic lymph nodes are not eligible.

^bPatients being treated with luteinizing hormone–releasing hormone agonists or antagonists (patients who have not undergone orchiectomy) must have initiated this therapy ≥4 weeks before randomization and must continue the therapy throughout the study.

^cPatients who received ≤6 cycles of docetaxel for mHSPC and did not experience progression for ≥1 year after the last dose of docetaxel are eligible for enrollment.

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<https://bit.ly/374QYf8>