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New York-based Progenics Pharmaceuticals' partner Fujifilm RI Pharma Co. Ltd. (Fuji) has dosed the first patient in its early Phase 2 trial of 1404 in Japan in newly-diagnosed prostate cancer patients with lymph node and/or bone metastases or at high risk for metastatic disease. 1404 is a targeted small molecule designed to visualize prostate cancer by targeting prostate specific membrane antigen (PSMA).

The early Phase 2 trial in Japan is a multi-center, open-label study evaluating the uptake of 1404 within the prostate gland, pelvic lymph node and/or bone metastases as well as safety in men with high risk for metastatic prostate cancer, using both whole-body planar and SPECT/CT imaging modalities.

1404 is a developmental stage radiopharmaceutical imaging agent designed to highlight the expression of distinct proteins by diseased cells. The image created provides the opportunity to visualize cancer, potentially allowing for improved detection and staging, more precise biopsies, and a targeted treatment plan including active surveillance as a disease management tool.