Another Case of Multifocal Blue Nevus of the Prostate

To the Editors:

In reference to our article “Multifocal Blue Nevus of the Prostate: A Case Report,”1 we point out that recently and unexpectedly we found a further case of multifocal blue nevus of the prostate.

This case concerns a 74-year-old man who presented with symptoms of urinary obstruction. The patient underwent adenomectomy for benign prostatic hyperplasia. The surgical specimen weighed 144 g and measured 8×7.5×6 cm. Macroscopically we observed at least 6 brownish streaks or focal areas measuring between 0.3 and 1 cm in maximum dimension (Figure 1A and B). Microscopically, there were multiple foci of cells containing melanin pigment (Figure 1C); morphologically the melanocytes were predominantly fusiform, more rarely of dendritic shape. These cells were distributed within the fibromuscular stroma of the prostate and, more rarely, intermixed with the glandular component.

Positivity for Masson-Fontana silver impregnation (Figure 1D) and negativity for Perls Prussian blue stain supported the diagnosis.

In particular, clinical data (age, benign prostatic hyperplasia, type of surgical treatment), macroscopic characteristics of the sample (prostate weight), and the microscopic features (mainly fusiform morphology of the melanocytes and histochemical investigations) were similar to the previous case we described.

In conclusion, the present study represents the 34th case of blue nevus of the prostate, and it is the second case of multifocal type.1

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Figure 1

(A and B) Macroscopic view of multiple foci of blue nevus.
(C) Focus of pigmented cells in prostatic stroma (H&E, x200).
(D) Histochemical stain of melanocytic cells (Masson-Fontana silver impregnation, x200).
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Reference

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