REVIEW

Stone-free rate (SFR): a new proposal for defining levels of SFR

Bhaskar K. Somani · Mahesh Desai · Olivier Traxer · Sven Lahme

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Abstract There is a lack of consensus in the definition of stone-free rate (SFR) after ureteric or renal stone surgery. We propose a simple classification to define levels of SFR post-treatment.

Keywords Urolithiasis · Stones · Follow-up · Stone-free rate (SFR)

There is a lack of consensus in the definition of stone-free rate (SFR) after ureteric or renal stone surgery. We propose a simple classification to define levels of SFR post-treatment.

Based on the follow-up modality, the suffix U (USS), C (CT) or X (X-ray) should be included with the SFR level (Table 1). This simple proposal will not only clarify the

Table 1 Definition of stone-free rate (SFR) level

Stone-free rate (SFR) level	Size of stone detected	Evaluation modality	SFR
0	No stones	USS, CT, XR	0U, 0C or 0X
1	≤1 mm		1U, 1C or 1X
2	≤2 mm		2U, 2C or 2X
3	≤3 mm		3U, 3C or 3X
4	≤4 mm		4U, 4C or 4X

size of the stone post-treatment, but also the follow-up modality used to determine it.

Conflict of interest The authors declare that they have no conflict of interest.

B. K. Somani (⊠)

Department of Urology, University Hospital of Southampton NHS Foundation Trust, Southampton SO16 6YD, UK e-mail: bhaskarsomani@yahoo.com

M. Desai

Muljibhai Patel Urological Hospital, Dr. Virendra Desai Road, Nadiad 387001, Gujarat, India e-mail: mrdesai@mpuh.org

O. Traxer

Tenon University Hospital, 4 rue de la chine, 75020 Paris, France e-mail: Olivier.traxer@tnm.aphp.fr

S. Lahme

Department of Urology, Center of minimally-invasive Therapy, Robotic-assisted Surgery, Siloah St. Trudpert Klinikum, Wilferdinger Strasse 67, 75179 Pforzheim, Germany e-mail: sven.lahme@trudpert.de

