	Normal	Constrictive	Compressive	Fluctuating	Intermittent	Tower-shaped
ICS (Schafer et al.[2] 2002, Abrams et al.[5] 2002, Haylen et al.[6] 2010)	smooth arc-shaped, high amplitude, no rapid amplitude changes	smooth flat, plateau-like, lower flow rate	flattened asymmetric low curve with a slowly declining end part	multiple peaks during a period of continuous urine flow	flow stops and starts during single void	
ICCS (Austin et al.[7] 2014)	"bell-shaped': regardless of volume voided	'plateau': Flattened, prolonged pattern with low amplitude		'staccato': irregular, fluctuating curve without reaching zero. Fluctuations > square root of Q_{max}	'interrupted': segments with cessation, discrete peaks	sudden, high-amplitude flow with short duration
Fantl[10] 1983	fast crescendo and relatively slow diminuendo, minimal fluctuations			'multiple peak': 2nd peak >= 20% of Q_{max}	'interrupted'; flow rate < 2 ml/s between repetitive peaks	
Jensen et al.[20] 1983	'adult'	'plateau': flow rate variation<1ml/s for at least 4 seconds		'intermittent': wavy curve not reaching the baseline with a duration of at least 15 seconds	'fractionated': wavy curve reaching baseline several times, for at least 15 seconds	
van der VIS-MELSEN et al.[23] 1989	'single sharp peak'		'low flat': flat pattern with low average and maximum Index of Urine Transport value	'sawtooth': low average, and normal maximum, Index of Urine Transport		
Boothroyd et al.[15] 1990	bell-shaped and approximately symmetrical	'plateau': prolonged voiding time and reduced Q_{max}			'sawtooth'	
Jorgensen et al.[21] 1990	unbroken, bell-shaped with slight to moderate asymmetry	'plateau': unbroken, flattened, large part of voided volume is voided by a constant Q_{max}	'prostatic': unbroken, pronounced asymmetry, elongated and flattened curve from Q_{max} to zero	unbroken, greater fluctuations without reaching baseline	'fractioned': discontinuous, flow reaches baseline one or several times	
Kinahan et al.[19] 1992		'prolonged': low, steady Q_{max}	'approximately normal': normal initiation and Q_{max}, end void prolongation		'intermittent'	
Mattsson et al.[22] 1994	bell-shaped			'intermittent': variations in flow rate of at least 5 ml/s	'fractionated': at least one total interruption	
Gutierrez[12] 1997	'bell shape'	'plateau-shaped': constant flow with variations<1ml/s				high Q_{max} achieved rapidly, followed by a slight plateau and sudden decreased flow
Jorgensen et al.[17] 1998	bell-shaped, unbroken, steep rise to Q_{max} and steep fall	'plateau': flattened with a steep acceleration toward Q_{max}, relatively large volume under a constant Q_{max}	'low flow': unbroken, bell-shaped flattened with a low Q_{max}	unbroken flow, less steep rise and fall, without reaching baseline	'fractionated': discontinuous flow reaches baseline one or several times	'high flow': very high Q_{max} with short voiding time
Wyndaele[8] 1999	symmetrical, uninterrupted, Q_{max}>15ml/s	'long flow+low max flow'	'slow start': slow rises to Q_{max}	'undulating': flow moving up and down	'void 2x': voiding 2 times with complete stopping of flow between	
Chou et al.[16] 2000	bell-shaped and rapid rise to Q_{max} and rapid fall.	'plateau': flattened with a steep acceleration toward Qmax, relatively large volume under a constant Q_{max}	'flattened': flattened with a low Q_{max}	flow fluctuates but does not reach baseline	'intermittent': flow reaches baseline at least once	'tall and peaked'
Ghobish[18] 2000	'bell-shaped': Q_r 25%-75% and T_r 25-60%	'box-shaped': Q_r>80% and T_r<10%	'long-tail': 30%<Q_r<60% and 10%<T_r<25%		'interrupted': subdivided with interruption duration threhold of 2s	
Babu et al.[14] 2004	'bell-shaped': bell shape, smooth pattern	'plateau-shaped': constant flow with variations<1ml/s				
Pauwels[11] 2005	continuous, bell-shaped, steep slope and short flow time	'long and low Q_{max}': long flow time, relatively constant low flow rate		'undulating': asymmetric, steep slope, long and flattened foothill	'fractionated': discontinuous, repetitive flow peaks reaching zero in between	
Abrams[5] 2006	'bell shape': Q_{max} in first 30% of curve and within 5 seconds from start	'plateau': Q_{ave} almost same as Q_{max}			flow stops and starts on one or more occasions	'supranormal': sharply increased flow to a very high Q_{max} in 1-3 second, followed by a sudden reduction
Mostafavi et al.[13] 2012	'bell': symmetric, continuous curve between 5% and 90% of Iranian nomogram	'plateau': Q_{max}/flow time<0.5		'staccato': fluctuations > square root of Q_{max}	'interrupted': curve reaches baseline	'tower': Q_{max}>95% on Iranian nomogram