

Supplementary Table 1. Characteristics of studies evaluating percutaneous renal mass sampling

Author, year	n	Women: n (%)	Age (years): Mean, Median, Range, SD	Race: n (%)
Campbell, 1997 ¹²	25	NR	NR	NR
Chyhrai, 2010 ¹³	25	NR	Mean:63.0 SD:7.7	NR
Halverson, 2013 ¹⁴	151	NR	Mean:59.0 SD:14	NR
Harisinghani, 2003 ¹⁵	28	10(36)	Range:40-70	NR
Leveridge, 2011 ¹⁶	294	NR	Median:64 Range:26-90	NR
Londono, 2013 ¹⁷	126	42(33)	Mean:65.3 SD:14.6	W: 96(76)
Menogue, 2012 ¹⁸	250	NR	Median:64 Range:22-88	NR
Millet, 2012 ^{19*}	187	30*(50*)	Median:60 Range:20-85	NR
Neuzillet, 2003 ²⁰	88	40(45)	Mean:61.32 Median:64 Range:21-88 SD:13.19	NR
Park, 2013 ²¹	58	18(31)	Mean:56.8 Range:24-79	NR
Prince, 2015 ³⁰	525	191(36)	Median:65	NR
Reichelt, 2007 ²⁰	30	12(40)	Mean:63.0 SD:7.7	NR
Richard, 2015 ⁵	509	210(40)	Mean:64.0	NR
Salem, 2012 ²²	145	46(31)	Mean:67.2 SD:11.6	NR
Schmidbauer, 2008 ²⁹	78	15(19)	Mean: 63.0 Median: 64 Range: 24-86 SD: 13.5	NR
Shannon, 2008 ^{23**}	221	NR	Mean:64.0 Range:22-92	NR
Sofikerim, 2009 ²⁴	42	21(50)	Mean:56.1 Range:21-77	NR
Vasudevan, 2006 ^{20**}	92	NR	Mean:62.0 Range:22-92	NR
Volpe, 2008 ²⁰	91	NR	Median:60 Range:25-89	NR
Wang, 2009 ²⁷	106	38(36)	Mean:60.4 Range:28-91 SD:15.4	W:92(87)
Summary**	2979**	673 (38)	Mean:56.1-67.2 Median: 60-64 Range: 20-92	188 (81)

n= sample size; SD= Standard Deviation; W= White; NR=Not Reported

*Only reported for patients with surgical pathology (N=60).

**Summarized for unique patients; Shannon 2008 is an update of Vasudevan 2006.