Study	Inclusion/Exclusion Criteria	N Patients	N Lesions	N Completed Study	Median or Mean Age (Years)	Age Range (Years)	% Lesions (n/N) Malignant	% Lesions Palpable	Lesion Size Mean (Range)
Gokalp et al. 2009 ⁵⁵	Patients with solid breast lesions referred for US-guided core needle biopsy	49	94	49	53.6	27 to 89	41.5% (39/94)	NR	16.35 mm (5 to 35 mm)
Vassiou et al. 2009 ⁸	Women with suspicious lesions diagnosed by physical examination or mammography, referred for biopsy	69	78	69	53	39 to 68	68% (53/78)	NR	NR
Liu et al. 2008 ⁵⁶	Consecutive patients with US-visible breast lesions who were referred for open surgical biopsy	108	108	104	44	19 to 86	41.3% (43/104)	NR	2.4 cm (0.5 to 7.6 cm)
Vade et al. 2008 ⁵⁷	Consecutive patients under the age of 20 with palpable breast masses	20	21	21	14.8	13 to 19	0%	100%	NR
Cha et al. 2007 ⁵⁸	Consecutive patients with solid breast lesions that were visible on US who were scheduled to undergo biopsy due to findings on mammography and/or physical exam	88	91	91	45	25 to 67	33% (30/91)	32%	13 mm (4 to 28 mm)

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Chala et al. 2007 ⁵⁹	Consecutive female patients with solid breast lesions who were referred for biopsy due to findings on mammography and/or physical exam	203	229	229	56	30 to 77	22.7% (52/229)	56.3% (129/229)	19 mm (5 to 62 mm)
Zhi et al. 2007 ⁶⁰	Consecutive patients with solid breast lesions	232	296	296	42	17 to 87	29.4% (87/296)	NR	15.5 mm (3.1 to 100.6 mm)
Cho et al. 2006 ⁶¹	Consecutive patients with solid breast lesions that were visible on US who were scheduled to undergo biopsy due to findings on mammography and/or physical exam	141	150	150	46	25 to 71	40% (60/150)	38.70%	4 to 36 mm (range NR)
Pinero et al. 2006 ⁵³	Consecutive patients who were scheduled to undergo biopsy due to findings on mammography and/or physical exam, who were not pregnant	88	88	88	57.7	33 to 87	77% (68/88)	65%	NR
Ricci et al. 2006 ¹⁶	Consecutive patients with breast lesions detected on mammography	48	50	50	58	40 to 81	76% (38/50)	NR	NR

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Forsberg et al. 2004 ⁶²	Patients with solid breast lesions detected on mammography and/or physical exam, who were mentally stable, not pregnant, and not breast-feeding	55	55	50	52	26 to 72	29% (16/55)	NR	NR
Meyberg- Solomayer et al. 2004 ⁶³	Female patients with breast lesions	65	65	65	54	16 to 96	64.6% (42/65)	NR	21.5 mm (2 to 70 mm)
Ozdemir et al. 2004 ⁶⁴	Patients with breast lesions that were not clearly cystic or benign, that were visible on US, who were likely to have followup data due to living near the study center, who were scheduled to undergo biopsy due to findings on mammography and/or physical exam	80	81	69	47.3	19 to 75	40.5% (28/69)	32%	16.1 mm (6 to 44 mm)
Chen et al. 2003 ⁶⁵	Patients with palpable lesions that had indeterminate mammographic results due to dense breasts	32	32	32	44.6	34 to 55	75% (24/32)	100%	NR

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Kook and Kwag 2003 ⁶⁶	Patients referred for diagnostic US after discovery of a palpable mass or mammographic abnormality that was 2 cm or smaller in diameter	36	36	36	43.5	18 to 69	47% (17/36)	NR	2 cm or less Mean and range NR
Marini et al. 2003 ⁶⁷	Consecutive patients with microcalcifications detected on mammography who were older than 27 years of age, and who had an US exam followed by either a biopsy or at least three years of clinical followup	238	238	238	55	31 to 98	39% (94/238)	NR	NR
Caruso et al. 2002 ⁶⁸	Patients with a single breast lesion 1 to 2 cm in diameter with no microcalcifications that was detected on mammography	36	36	36	55	42 to 63	56% (20/36)	NR	1 to 2 cm Mean and range NR

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Koukouraki et al. 2001 ⁶⁹	Women with abnormal findings on screening mammography who were scheduled for an open surgical biopsy	116	116	116	NR	25 to 78	74% (86/116)	32.70%	NR
Malich et al. 2001 ³⁵	Consecutive patients with equivocal mammographic abnormalities	94	100	100	NR	NR	62% (62/100)	NR	NR
Milz et al. 2001 ⁷⁰	Patients with indeterminate findings after mammography and examination who were referred for diagnostic US	102	118	118	51	15 to 77	47% (55/118)	NR	NR
Reinikainen et al. 2001 ⁷¹	Patients with an US-visible breast lesion detected by palpation or mammography that was suggestive of malignancy or not conclusively benign	63	69	65	51	20 to 81	52.3% (34/65)	81.50%	NR

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Moon et al. 2000 ⁷²	Consecutive patients with suspicious non-palpable lesions detected on mammography who were scheduled to undergo surgical biopsy	69	69	50	52	30 to 67	44% (22/50)	0%	NR
Blohmer et al. 1999 ⁷³	Patients referred for biopsy because of a suspicious breast lesion	200	200	168 (regular US), 150 (Doppler US)	NR	NR	49.5% (99/200)	NR	NR
Chao et al. 1999 ⁷⁴	Patients with solid breast masses	3,050	3,093	3,093	38.7	14 to 86	24% (733/3093)	NR	2.1 cm (0.5 to 24 cm)
Schroeder et al. 1999 ⁷⁵	Patients with clinically suspected breast tumors after mammography and examination	92	110	110	46.1	17 to 79	65.5% (72/110)	NR	NR
Albrecht et al. 1998 ⁷⁶	Patients with breast lesions	20	20	20	47	22 to 74	55% (11/20)	NR	NR
Wilkens et al. 1998 ⁷⁷	Patients with palpable masses; those with obvious simple cysts were excluded	53	55	55	NR	13 to 81	40% (22/55)	100%	NR
Buadu et al. 1997 ⁷⁸	Consecutive patients referred for surgery due to breast masses or suspicious mammograms	114	117	116	49	15 to 78	72.4% (84/116)	NR	NR

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Stavros et al. 1995 ⁷⁹	Patients with indeterminate mammographic findings of solid lesions; obviously malignant lesions were excluded	622	750	750	47	18 to 88	16.7% (125/750)	NR	most were 1.5 cm or smaller Mean and range NR
Ciatto et al. 1994 ⁸⁰	Consecutive women with clinical or mammographic abnormalities who were referred for diagnostic US	2,079	2,079	2,079	48	14 to 93	12.5% (259/2079)	NR	NR
Perre et al. 1994 ⁸¹	Female patients with palpable breast lesions	380	400	400	49.3	13.7 to 98.9	43.5% (174/400)	100%	NR

NR Not reported US Ultrasound