

References

- **Ahuja A, Chick W, Metreweli C. (1996)** :Clinical significance of the comet tail artifact in thyroid ultrasound *J Clin Ultrasound*;24:129-133
- **Ahuja A,king W, Metreweli C.(1994)**:Role of ultrasonography in thyroid metastases .*clin Radiol*;49:627-629.
- **Ahuja AT, Chow L, Chick W, et al (1995)**. Metastatic cervical nodes in papillary carcinoma of the thyroid: ultrasound and histological correlation. *Clin Radiol.*;50:229–231. [PubMed
- **Alan Cowan MD ,Shwan Newlands MD ,Phd (2006)** : Benign thyroid disorders . university of Texas medical branch .Department of otolaryngology
- **Alexander EK, Hurwitz S, Heering JP et al (2003)** Natural history of benign solid and cystic thyroid nodules. *Ann Intern Med*138(4):315–318
- **Anil Ahuja and Rhodrai Evans (2000)**: practical head and neck ultrasound
- **Anne M.R. Agur (1996)**: Grant's Atlas Of Anatomy. ninth edition.

References

- **Anscombe AM, Wright DH. (1985):** Primary malignant lymphoma of the thyroid – a tumour of mucosa associated lymphoid tissue: review of seventy-six cases. *Histopathology*.;9:81–7. [PubMed]
- **Bae U, Dighe M, Dubinsky T, et al (2007)** Ultrasound Thyroid Elastography Using Carotid Artery Pulsation: Preliminary Study. *J Ultrasound Med* June 26(6): 797–805
- **Baldini M, Orsatti A, Bonfanti MT, Castagnone D, Cantalamessa L (2005)** Relationship between the sonographic appearance of the thyroid and the clinical course and autoimmune activity of Graves’ disease. *J Clin Ultrasound* 33(8):381–385 94 S.J. MANDEL ET AL.
- **Berni A, Tromba L, Falvo L, Marchesi M et al (2002):** Malignant thyroid nodules: comparison between color Doppler diagnosis and histological examination of surgical samples. *Chir Ital* 54(5):643–647
- **Brkljacic B, Cuk V, Tomic-Brzac H, Bence-Zigman Z, Delic-Brkljacic D, Drinkovic I (1994):** Ultrasonic evaluation of benign and malignant nodules in echographically multinodular thyroids .*J clin Ultrasound* 22(2):71–76
- **Bruneton JN, Normand F. (1987) :**Thyroid gland. In Bruneton JN, ed *Ultrasonography of the Neck*. Berlin ;Springer –Verlag ;pp 22-50.

References

- **Burch HB (1995):** Evaluation and management of solid thyroid nodules . *Endocrinol Metab Clin North Am*, 24:663.
- **Burke JS, Butler JJ, Fuller LM. (1977):** Malignant lymphomas of the thyroid. *Cancer*.;39:1587–602. [PubMed]
- **Capelli C, Castellano M, Pirola I, Cumetti D, Agosti B, Gandossi E, et al. (2007);** The predictive value of ultrasound findings in the management of thyroid nodules. *QJ M* 100: 29-35.
- **Cappelli C, Pirola I, Cumetti D et al (2005)** Is the anteroposterior and transverse diameter ratio of nonpalpable thyroid nodules a sonographic criteria for recommending fine-needle aspiration cytology? *Clin Endocrinol (Oxf)* 63(6):689–693
- **Carcangiu ML ,Zampi G,Pupi A et al(1985):** .Papillary carcinoma of the thyroid a clinicopathologic study of 241 cases treated at the University of Florence ,Italy .*Cancer*;55:805-828.
- **Cerbone G, Spiezia S, Colao A et al (1999)** Power Doppler improves the diagnostic accuracy of color Doppler ultrasonography in cold thyroid nodules: follow-up results. *Horm Res* 52(1):19–24
- **Choi Y J, Yun J S, Kim D H. (2009):** Clinical and ultrasound features of cytology diagnosed follicular neoplasm. *Endocr J*; 56: 383-9.

References

- **Chow LS, Gharib H ,Goellner JR , et al . (2001):** Nondiagnostic thyroid fine needle aspiration cytology: management dilemmas. *Thyroid*;11:1147-51.
- **Compagno J. (1985):**Diseases of the thyroid In: Barnes L,ed *Surgical Pathology of the Head and Neck* .New Yourk Marcel Dekker,;pp1435-1486.
- **Cooper DS , Doherty GM , Haugan BR ,et al.(2006):** Management guidelines for patients with thyroid nodules and differentiated thyroid cancer, *Thyroid* ;16:109-142.
- **Clark OH and Duh QY (1991):** Thyroid cancer . *med Clin North Am*, 75:211.
- **De los Santos ET, Keyhani-Rofagha S, Cunningham JJ, Mazzaferri EL (1990)** Cystic thyroid nodules: the dilemma of malignant lesions. *Arch Intern Med* 150(7):1422–1427
- **Dighe et al (2008):** DD of thyroid nodules using carotid artery pulsation using US Elastography ***Radiology***: Volume 248 number 2 august
- **Dominique Dorion. MD , Msc, Fcse ,Facs (2011):** thyroid anatomy .medscape references jun 28.

References

- **Edward C. Klatt MD, Savannah, Georgia, USA (2011)** :Mercer university school of medicine
- **Frates M C, Benson C B, Charboneau JW, Cibas E D, Clark O H, Coleman B G, et al. (2005)**: Management of thyroid nodules detected at US: Society of Radiologists in US Consensus Conference Statement. Radiology; 237: 794-800
- **Frates MC, Benson CB, Doubilet PM et al (2006)** Prevalence and distribution of carcinoma in patients with solitary and multiple thyroid nodules on sonography. J Clin Endocrinal Metab 91(9):3411–3417.
- **Fukunari N.** (2007) more accurate and sensitive diagnosis of thyroid tumors with elastography . Medix suppl :16-9
- **Gooding GA (1993)**: Sonography of the thyroid and parathyroid .Radiol Clin North Am;31(5):967-989
- **G Schmidt (2007)**: Thieme Clinical Companions ,chapter 18 : 412-425
- **H. Jack Baskin, MACE Orlando, Daniel S. Duick, ACE:Phoenix, AZ, USA Robert A. Levine, FACE(2008)** :Thyroid Ultrasound and Ultrasound-Guided FNA Second Edition

References

- **Hedinger CE (1988)** : Histological typing of thyroid tumours. Berlin, Springer Verlag.
- **Henrichsen T, Reading CC, Charboneau JW, Donovan DJ, Hay ID (2005)** : Cystic change in thyroid carcinoma: frequency and extent in 360 cancers by sonography. In: Annual Meeting of Radiology Society of North America, p. 245
- **Hoang J K, Lee W K, Lee M, Johnson D, Farrell S (2007)**. US features of thyroid malignancy: pearls and pitfalls. Radiographics; 27: 847-65.
- **Ingbar S (1985)**: The thyroid gland. In: Wilson T and Foster D (Eds.)- William's Textbook of Endocrinology, Philadelphia Saunders.
- **Ivy UK (1984)**; Cancer metastatic to the thyroid: A diagnostic problem. Mayo Clin Proc, 59:856.
- **K T Wong and Anil T Ahuja (2005)** :Ultrasound of thyroid cancer. cancer imaging 5 (1): 157-166
- **Kaplan EL (1989)**:Thyroid and parathyroid. In Schwartz SI [ed]: Principles of Surgery, 5th ed. New York, McGraw-Hill, , pp 1613–1685.
- **Kashgari A (1999)**: Thyroid disease: strategies for diagnosis, The Practitioner, Vol. 10, No. 12:545-547.

References

- **Kim E K, Park C S, Chung W Y, Oh K K, Kim D I, Lee J T, et al. (2002)** New Sonographic criteria for recommending fine-needle aspiration biopsy of nonpalpable solid nodules of thyroid. *Am J Roengenol*; 178: 687-691.
- **Lagalla R, Cariso G, Midiri M, Cardinale AE. (1992):** Echo-Doppler couleur et pathologie thyroïdienne. *J Echograph Med Ultrasons*; 13:44-47.
- **Lang W, Chrtiz H, Hundreshagen H(1986):** Risk factors in follicular thyroid carcinomas .a retrospective follow up study covering a 14 year period with emphasis on morphological findings .*AmJ Surg Pathol*; 10:246-255.
- **Lyshchik A, Higashi T, Asato R, et al (2005)** Thyroid Gland Tumor Diagnosis at US Elastography. *Radiology* 237(1):202–211
- **Leenhardt L, Hejblum G, Franc B et al (1999) :** Indications and limits of ultrasound-guided cytology in the management of non palpable thyroid nodules. *J Clin Endocrinal Metab* 84(1):24–28
- **Lerner RM, Huang SR, Parker KJ (1990):** Sonoelasticity images derived from ultrasound signals in mechanically vibrated tissues. *Ultrasound Med Biol* 16:231–239

References

- **Lin JD, Hsueh C, Chao TC, Weng HF, Huang BY. (1997)** :Thyroid follicular neoplasms diagnosed by high-resolution ultrasonography with fine needle aspiration cytology. *Acta Cytol.*;41:687–91. [PubMed]
- **LiVolsi VA. (1997)** :Pathology of thyroid disease .In Falk SA,ed *thyroid disease ;Endocrinology ,Surgery ,Nuclear Medicine and Radiotherapy Lippincott Raven Philadlephia*;pp65-104.
- **Lowson W and Biller HF (1983)**: The solitary thyroid nodule: Diagnosis and management of malignant disease. *Am J Otolaryngol*, 4:43-73.
- **Mazzaferri EL (1992)**: Thyroid cancer in thyroid nodules: Finding a needle in haystack. *Am J Med*, 93:359-362.
- **Mazzaferri EL (1993)**: Management of a solitary thyroid nodule. *N Engl J Med*, 75:886 .
- **Mazzaferri EL, Young RL(1981)** :Papillary thyroid carcinoma a ten year follow up report of impact therapy in 576 patients .*Am J Med*;70:511-518.
- **McCall A, Jarosz H, Lawrence AM, Paloyan E. (1986)**: The incidence of thyroid carcinoma in solitary cold nodules and in multinodular goiters. *Surgery*. 100:1128–31. [PubMed]

References

- **McDougal IR (1991):** Graves disease: Current concepts . Med Clin North Am, 75:79 .
- **McIvor NP,Freeman JL,Salem S. (1993):** Ultrasonography of the thyroid and parathyroid glands. ORL;55:303-308
- **McQuone SJ,Eisele DW. (1996):**Cervical lymph node metastases in well differentiated thyroid carcinoma .*Proceedings 4th International Conference on Head and Neck Cancer*,;967-971.
- **Meissners WR (1977):** Follicular carcinoma of the thyroid. Am .J Surgical Pathol, 512- 515.
- **Mettler FA, Williainsons MR and Royal H (1992):** Thyroid nodules in the population living around Chernobyl JAMA, 286:616.
- **Moore L Keith (1988) :** Clinically applied anatomy. Williams and Willins, 2rd ed ., 23:2 M67 . N Engl J Med 328(8):553–559
- **Nam-Goong IS, Kim HY, Gong G et al (2004)** Ultrasonography guided fine-needle aspiration of thyroid incidentaloma: correlation with pathological findings. Clin Endocrinol (Oxf) 60(1):21–28.
- **Nicola HD, Szegnfeld J, Flavia A, Wolosker AMB, Souza LRM, Chiferi V. (2005):** Flow pattern and vascular resistive index as predictor of malignancy risk in thyroid follicular neoplasms. J Ultrasound Med; 24: 897-904.

References

- **Noguchi M, Yamada H, Ohata N *et al* (1987):** .Regional lymph node metastases in well differentiated thyroid carcinoma .*Int Surg*;72:100-103.
- **Noyek AM, Finkelstein DM, Kirsch JC. (1990)** :Diagnostic imaging of the thyroid gland .In Falk SA, ed thyroid disease ; *Endocrinology, Surgery, Nuclear Medicine, and Radiotherapy* ,New York Raven Press ;pp 79-126.
- **Oetre UE, Heffess CS. (1987)** Lymphoma of the thyroid and related disorders . *Semin Oncol*;14:333-342.
- **Ophir J, Cespedes I , Ponnekanti H ,et al. Elastography (1991) :** a quantitative method for imaging the elasticity of biological tissues .*Ultrason Imaging* ;13:111-34.
- **Ophir J, Alam SK, Garra B, Kallel F, Knofagou E, Krouskop T, Varghese T (1999):** Elastography: ultrasonic estimation and imaging of the elastic properties of tissues. *Proc Inst Mech Eng [H]* 213:203–233
- **Pacini F, Fontanelli M and Fugazzola L (1994) :** Routine measurement of serum calcitonin in nodular thyroid disease allows the preoperative diagnosis of unsuspected sporadic medullary thyroid carcinoma. *J Clin Endocrinol Metab*, 78:826

References

- **Papini E, Guglielmi R, Bianchini A et al (2002)** Risk of malignancy in nonpalpable thyroid nodules: predictive value of ultrasound and color-Doppler features. *J Clin Endocrinol Metab* 87(5):1941–1946.
- **Price DC.(1993):** Radioisotope evaluation of the thyroid and parathyroid .*Radiol Clin North Am*;31(5):991-1015.
- **Propper RA,Skolnick ML,Weinstein BJ,Dekker(1980) A.** The nonspecificity of the thyroid halo sign *J clin Ultrasound*;8:129-132.
- **Rago T, Santini F, Scutari M, et al (2007)** Elastography: New Developments in Ultrasound for Predicting Malignancy in Thyroid Nodules. *J Clin Endocrinol Metab* Aug 92:2917–2922
- **Rago T, Vitti P, Chiovato L et al (1998)** Role of conventional ultrasonography and color-flow Doppler sonography in predicting malignancy in “cold” thyroid nodules. *Eur J Endocrinol* 138(1):41–46
- **Reading CC, Charboneau JW, Hay ID, Sebo TJ (2005)** Sonography of thyroid nodules: a “classic pattern” diagnostic approach. *Ultrasound Q* 21(3):157–165
- **Robbins J, Merino M, Boice .10, et al (1992):** Thyroid cancer: A lethal endocrine neoplasm. *Ann Int Med*, 1 15:1 13.

References

- **Robbins S and Angel! M (1983):** Basic Pathology, 3rd ed. Medical School Dallas-Texas ISBNO, R6, p. 1378 1 580.
- **Ryoji Kagoya ,MD ,Hiroko Monobe ,MD ,PhD,and Hitoshi Tojima ,MD,PhD,(2010) :** Utility of elastography for differential diagnosis of benign and malignant thyroid nodules, American academy of otolaryngology Head and Neck Surgery Foundation
- **Roderick NM and Keith W (1992) :** The thyroid gland. In: Muins Textbook of Pathology , 13rd ed. ELBS, p. L084-1096.
- **Rumack CM, Wilson SK and Charboneou JW (1998) :**Thyroid gland. In: diagnostic Ultrasound, Volume I, 2 nd ed. Mosby, 703
- **Ryoji Kagoya , MD , Hiroko Monobe , MD , PhD , and Hitoshi Tojima,MD,PhD,Hitachi ,japan (2010):** utility of elastography for differential diagnosis of benign and malignant thyroid nodules. otolaryngology-Head and Neck Surgery 143,230-234.
- **Sakane S (1990):** The prognostic application of thyroid volume determination in patients with Grave's disease. Folia Endocrinol. 66:543-556.
- **Schneider AB (1980):** Characteristics of thyroid cancer detected by scanning in a population with history of head and neck irradiation . Cancer , 46:1218-1227.

- **Shahidul MD.PhD.(2011);**pathology outlines.com 27.April.
- **Shindo ML. Considerations in surgery of the thyroid gland. (1996):** Otolaryngol Clin North Am. Aug ;29(4):629-35.
- **Simeone JF,Daniels GH,Mueller PR et al (1982).** High resolution real time sonography of the thyroid. *Radiology*;145:431-435
- **Solbiati L, Arsizio B, Ballarati E, Cioffi V, Poerio N, Croce F, et al. (1990):** Microcalcifications: A clue in the diagnosis of thyroid malignancies. *Radiology*; 117: 140.
- **Solbiati L ,Livraghi T, Ballarati E,Ierace T ,C respi L (1995):**Thyroid gland In Solbiati L,Rizzatto G,eds *Ultrasound of Superficial Structures*. London Churchill Livingstone ,;pp49-85
- **Solbiati L,Giangrande A,De PraL et al (1985),** Percutaneous injection of parathyroid tumors and ultrasound guidance : treatment for secondry hyperparathyroidism. *Radiology*; 155:607-610
- **Solbiati L, Gioffi V and Ballarati E (1992):** Ultrasonography of the neck. *Radiol Clin North Am*, 30:941-954.

References

- **Solbiati L,Volterrani L,Rizzatto G et al(1985):** The thyroid gland with low uptake lesions evaluation with ultrasound .*Radiology*;155:187-191
- **Takashima S, Fukuda H, Nomura N, et al (1995).** Thyroid nodules: re-evaluation with ultrasound. *J Clin Ultrasound.*;23:179–184. [PubMed]
- **Takashima S, Matsuzuka F, Nagareda T, Tomiyama N, Kozuka T(1992)** Thyroid nodules associated with Hashimoto thyroiditis: assessment with US. *Radiology* 185(1):125–130
- **Takashima S,Morimoto S ,Ikezoe J et al(1990) :** CT evaluation of anaplastic thyroid carcinoma *AJR*;1079-1085.
- **Taki S, Terahta S, Yamashita R, Kinuya K, Nobata K, Kakuda K, et al.(2004):**Thyroid calcifications: Sonographic patterns and incidence of cancer. *Clin Imaging*; 28: 368-71
- **Tambouret R, Szyfelbein WM, Pitman MB(1999).** Ultrasound-guided fine-needle aspiration biopsy of the thyroid. cancer.;87:299–305. [PubMed]
- **Tan GH, Gharib H, Reading CC (1995)** Solitary thyroid nodule: comparison between palpation and ultrasonography. *Arch Intern Med* 155(22):2418–2423

References

- **Timothy J. Hall (2003):** PHDAAPM/RSNA Physics Tutorial for residents: Topics in US Beyond the Basics: Elasticity Imaging with US1 , RadioGraphics ; 23:1657–1671 . Published online 10.1148/rg.236035163
- **Ueno E and Ito A (2004):** Diagnosis of breast cancer by elasticity imaging. Eizo JohoMedical 36:2–
- **V.Anunkuman (2010):** Boddunan revenue sharing program articles: anatomy of the thyroid gland
- **Vejbjerg P, Knudsen N, Perrild H et al (2006)** The association between hypoechogenicity or irregular echo pattern at thyroid ultrasonography and thyroid function in the general population. Eur J Endocrinol 155(4):547–552
- **Wick MR and Sawyer MD (1989):** Antigenic alteration in autoimmune thyroid disease . Arch Pathol Lab M, 113:77.
- **Wienke JR, Chong WK, Fielding JR, Zou KH, Mittelstaedt CA(2003)** Sonographic features of benign thyroid nodules: interobserver reliability and overlap with malignancy. J Ultrasound Med 22(10):1027–1031.
- **William F. Young Jr. (2011):** anatomy of thyroid and parathyroid glands .The netter collection of medical illustrations –Endocrine system volume II ,2nd edition.

References

- **Williams PL, et al. Thyroid Gland. In: Gray's anatomy (1995):. New York, NY:. Churchill Livingstone; 1891-96**
- **Yokoyama N, Nagayama Y, Kakozono F et al(1986):** determination of the volume of thyroid gland by high resolution ultrasound scanner . J Nucl Med, 27:1475-1479.
- **Yousem DM , Scheff AM (1996):**Thyroid and parathyroid In Som PM,Curtin HD,eds .Head and Neck Imaging. 3rd edn. St Louis.Mosby,;pp952-975.