

เอกสารอ้างอิง

ADAC Laboratories. *Pinnacle³ Physics Guide*. P/N 9201-5067A-ENG Rev.B (Version 6.0). USA, 2001.

ADAC Laboratories. (No date). *An overview of the Convolution Superposition dose computation method used in the ADAC Pinnacle³ 3D treatment planning system* [Online]. Available: <http://www.adaclabs.com> [2004, June 20].

Arnfield, M.R., Wu, Q., Tong, S., Mohan, R., (2001) “Dosimetric validation for multileaf collimator-based intensity modulated radiotherapy: A review”, *Med. Dosim.*, **26**(2), 179-188.

Balog, J.P., Mackie, T.R., (1999) “Multileaf collimator interleaf transmission”, *Med. Phys.*, **26**(2), 176–186.

Bayouth, J. E., Morrill, S. M., (2003) “MLC dosimetric characteristics for small field and IMRT applications”, *Med. Phys.*, **30**(9), 2545-2552.

Bayouth, J., Zhou, S. and Morrill, S. (No date). *Analysis of Variation in H&D Curve Creation for EDR2 film Dosimetry* [Online]. Available: http://www.utmb.edu/radoncology/physics/Analysis_of_Variation_in_HandD_Curve.pdf [2004, February 29]

Bieda, M. R., Sarkar, A., Das I. J., (2002) “Accuracy of Kodak EDR2 film in measuring clinical dosimetry data”, *Med. Phys.*, **29**(6), 1264.

Bourland, J.D., Chaney, E.L., (1992) “Finite-size pencil beam model for photon dose calculations three dimensions”, *Med. Phys.*, **19**(6), 1401-1412.

Bucciolini, M., Buonamici, F.B., Casati, M., (2004) "Verification of IMRT by film dosimeter", *Med. Phys.*, 31(1), 161-168.

Butson, M.J., Peter, K.N.Y., Cheung, T., Metcalfe, P., (2003) "Radiochromic film for medical radiation dosimetry", *Materials Science and Engineering: R: Reports.*, 41(3-5), 61-120.

Carlson, D., (2001) "Intensity modulation using multileaf collimators: Current status", *Med. Dosim.*, 26(2), 151-156.

Childress, N.L., Dong, L., Rosen, I.I., (2002) "Rapid radiographic film calibration for IMRT verification using automated MLC fields", *Med. Phys.*, 29(10), 2384-2390.

Das, J., Desobry, G. E., McNeeley, S. W., Cheng, E. C., Schultheiss, T. E., (1998) "Beam characteristics of a retrofitted double-focused multileaf collimator", *Med. Phys.*, 25(9), 176-186.

Dong, L., Antolak, J., Salehpour, M., Forster, K., O'Neill, L., Kendall, R., Rosen, I., (2003) "Patient-specific point dose measurement for IMRT monitor unit verification", *Int. J. Radiat. Oncol., Biol., Phys.*, 56(3), 867-877.

Ezzell, G.A., Galvin, J.M., Low, D., Palta, J.R., Rosen, I., Sharpe, M.B., Xia, P., Xiao, Y., Xing, L., Yu, C.X., (2003) "Guidance document on delivery, treatment planning, and clinical implementation of IMRT: Report of the IMRT subcommittee of the AAPM radiation therapy", *Med. Phys.*, 30(8), 2089-2115.

Gifford, K.A., Followill, D.S., Liu, H.H., (2002) "Verification of the accuracy of a photon dose-calculation algorithm", *J. Appl. Clin. Med. Phys.*, 3(1), 26-45.

Intensity Modulated Radiation Therapy Collaborative Working Group., (2001) "Intensity-modulated radiotherapy: current status and issues of interest", *Int. J. Radiation*

Oncology Biol. Phys., 51(4), 880-914.

Khan, F.M. *The physics of radiation therapy*. 3rd ed. USA, 2003 : 478-479.

Leybovich, L.B., Sethi, A., Dogan, N., (2003) "Comparison of ionization chambers of various volumes for IMRT absolute dose verification", *Med. Phys.*, 30(2), 119-123.

Low, D.A., Harms, W.B., Mutic, S., Purdy, J.A., (1998) "A technique for the quantitative evaluation of dose distributions", *Med. Phys.*, 25 (5), 656-661.

MacKenzie, M.A., Lachaine, M., Murray, B., Fallone, B.G., (2002) "Dosimetric verification of inverse planned step and shoot multileaf collimator fields from a commercial treatment planning system", *J. Appl. Clin. Med. Phys.*, 3(2), 97-109.

Mackie, T.R., Scrimger, J.W., Battista, J.J., (1985) "A convolution method of calculating dose for 15-MV x-rays", *Med. Phys.*, 12(2), 188-196.

Papanikolaou, N., Mackie, T.R., Mager-wells, C., Gehring, M., Reckwerdt, P., (1993) "Investigation of the convolution method for polyenergetic spectra", *Med. Phys.*, 20(5), 1327-1336.

Perez, C.A., Brady, L.W., Halperin, E.C., and Schmidt-ullrich, R.K. *Principles and practice of radiation oncology*. 4nd ed. USA, 2004.

Richardson, S.L., Tome, W.A., Orton, N.P., McNutt, T.R., Paliwal, B.R., (2003) "IMRT delivery verification using a spiral phantom", *Med. Phys.*, 30(9), 2553-2558.

Saw, C.B., Ayyangar, K.M., Zhen, W., Thompson, R.B., Enke, C.A., (2001a) "Commissioning and quality assurance for MLC-based IMRT", *Med. Dosim.*, 26(2), 125-133.

Saw, C.B., Siochi, R.A.C., Ayyangar, K.M., Zhen, W., Zhen, W., Enke, C.A., (2001b) "Leaf sequencing techniques for MLC-based IMRT", *Med. Dosim.*, 26(2), 199-204.

Schlegel, W., Mahr, A., 3D Conformal Radiation Therapy :A multimedia introduction to methods and techniques. [CD-ROM]. (No date). Available: BertelsmannSpringer Science and Business Media GmbH.

Tome, W.A., (2002) "Beam modeling for a convolution/superposition-based treatment planning system", *Med.Dosim.*, 27(1), 11-19.

Vandyk, J., Barnett, R.B., Cygler, J.E., Shragge, P.C., (1993) "Commissioning and quality assurance of treatment planning computers", *Int. J. Radiation Oncology Biol. Phys.*, 26(2), 261-273.

Warkentin, B., Steciw, S., Rathee, S., Fallone, B.G., (2003) "Dosimetric IMRT verification with a flat-panel EPID", *Med. Phys.*, 30(12), 3143-3155.

Xia, P., Verhey, L.J., (2001) "Delivery systems of intensity-modulated radiotherapy using conventional multileaf collimators", *Med. Dosim.*, 26(2), 169-177.

Xing, L., Curran, B., Hill, R., Holmes, T., Ma, L., Forster, K.M., Boyer, A.L., (1999) "Dosimetric verification of a commercial inverse treatment planning system", *Phys. Med .Biol.*, 44, 463-478.

Zhu, X.R., Jursinic, P.A., Grimm, F.L., Lopez, F., Rownd, J.J., Gillin, M.T., (2002) "Evaluation of Kodak EDR2 film for dose verification of intensity modulated radiation therapy delivered by a static multileaf collimator", *Med. Phys.*, 29(8), 1687-1692.

Zhu, X.R., Yoo, S., Jursinic, P.A., Grimm, F.L., Lopez, F., Rownd, J.J., Gillin, M.T., (2003) "Characteristics of sensitometric curves of radiographic films", *Med. Phys.*, 30(5), 912-919.