UNIVERSITAS
GADJAH MADA
**Analisis Dosis Terapi Kanker Serviks Dengan Metode Boron Neutron Capture Therapy (BNCT), Menggunakan
Program PHITS V 3.34**
BAGASWARA IKHROM WISESA, Drs. Bambang Murdaka Eka Jati, MS.; Prof. Ir. Yohannes Sardjono APU
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

Barth, R. F., Vicente, M. G. H., & Harling, O. K. (2012). Current status of boron neutron capture therapy of high grade gliomas and recurrent head and neck cancer. *Radiation Oncology, 7*, 146.

Boumghar, R., Belgaid, M., Mazidi, S., Segueni, T., & Sayah, B. (2022). Feasibility study of using the NUR research reactor for a BNCT installation and Monte Carlo optimization of a BSA. *Nuclear Engineering and Design*, 398.

Chen, Y. W., Lee, Y. Y., Lin, C. F., dkk. (2021). Salvage Boron Neutron Capture Therapy for Malignant Brain Tumor Patients in Compliance with Emergency and Compassionate Use: Evaluation of 34 Cases in Taiwan. *Biology*, 10(4), 334.

Coghi, E., Miyabe, Y., Li, Y., & Takata, T. (2023). Next generation of boron neutron capture therapy (BNCT) agents for cancer treatment. *Medicinal Research Reviews*.

He, H., Tanaka, H., Sakurai, Y., & Suzuki, M. (2021). The basis and advances in clinical application of boron neutron capture therapy. *Radiation Oncology, 16*(1), 139.

Hughes, A. M., & Hu, N. (2023). Optimizing boron neutron capture therapy (BNCT) to treat cancer: An updated review on the latest developments on boron compounds and strategies. *Cancers, 15*(16), 4091.

GLOBOCAN. (2020). *cancerstatistics in Indonesia in 2020. Internasional Agency for Research on Cancer*. 1-2.

Malouff, T. D., Seneviratne, D. S., Berendzen, A. C., Martinez, P. S., & Grimard, L. (2021). Boron neutron capture therapy: A review of clinical applications. *Frontiers in Oncology, 11*, 601820.

Merz, J., Bossart, M., Bamberg, F., & Eisenblaetter, M. (2020). Revised FIGO Staging for Cervical Cancer - A New Role for MRI. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 192(10), 937–944.

Nakamura, H., Nishimura, K., Kashiwagi, H., Morita, T., Fukuo, Y., Okada, S., ... & Matsumoto, Y. (2023). Efficient neutron capture therapy of glioblastoma with pteroyl-closo-dodecaborate-conjugated 4-(p-iodophenyl)butyric acid (PBC-IP). *Journal of Controlled Release*.

Sauerwein, W. A. G., Wittig, A., & Moss, R. L. (2021). Theranostics in boron neutron capture therapy. *Life, 11*(4), 330.

Singh, D., Vignat, J., Lorenzoni, V., Eslahi, M., Ginsburg, O., Lauby-Secretan, B., Arbyn, M., Basu, P., Bray, F., & Vaccarella, S. (2022). Global estimates of incidence and mortality of cervical cancer in 2020. a baseline analysis of the WHO Global Cervical Cancer Elimination Initiative. *The Lancet Global Health.*

Suzuki, M., Kato, I., Aihara, T., Hiratsuka, J., Yoshimura, K., & Niimi, M. (2014). Boron neutron capture therapy outcomes for advanced or recurrent head and neck cancer. *Journal of Radiation Research, 55*(1), 146–153.

Tanaka, M. (2023). Boron neutron capture therapy (BNCT): A potential treatment for cervical squamous and adenocarcinoma. *Archives of Surgical Oncology*.

Yamamoto, T., Nakai, K., Kageji, T., Kumada, H., Endo, K., & Matsuda, M. (2009). Boron neutron capture therapy for newly diagnosed glioblastoma. *Radiotherapy and Oncology, 91*(1), 80–84.

UNIVERSITAS
GADJAH MADA
**Analisis Dosis Terapi Kanker Serviks Dengan Metode Boron Neutron Capture Therapy (BNCT), Menggunakan
Program PHITS V 3.34**
BAGASWARA IKHROM WISESA, Drs. Bambang Murdaka Eka Jati, MS.; Prof. Ir. Yohannes Sardjono APU
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

Yamana, K., Kawasaki, R., Kondo, K., Hirano, H., Kawamura, S., Sanada, Y., ... & Ikeda, A. (2023). HER-2-targeted boron neutron capture therapy using an antibody-conjugated boron nitride nanotube/β-1,3-glucan complex. *Nanoscale Advances, 5*(3857–3861).