

2001 Bachelor of Science (Material Science)
Chiang Mai University

2004 Master of Science (Medical Physics)
Chiang Mai University

Wanwilairat, S., Chawapan, N., Chitapanarux, I. *Monitor Unit Calibration for a MLC linear accelerator*. The 4th National Symposium on Medical Physics. Graduate school Chiang Mai University, August, 2004.

Wanwilairat, S., Chawapan, N., Chitapanarux, I. *A Monte Carlo simulation program for multileaf collimator linear accelerator*. The 1st Thai Association of Therapeutic Radiology and Oncology Annual meeting. Nakorn Si Thammaraj, 2005.

Kamnerdsupaphon, P., Lorvidhaya, V., Wanwilairat, S. *Commissioning and Verification For IMRT Monitor unit Verification*. Thai Association of Therapeutic Radiology and Oncology Annual meeting. Lopburi, January, 2007.

Kamnerdsupaphon, P., Lorvidhaya, V., Wanwilairat, S. *Dose Calculation and Verification for IMRT Modulated Radiation Therapy*. Chiang Mai Medical B

Date/ Year of Birth 14th July 1978

Place of Birth	Bangkok, Thailand
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Education	2001	Bachelor of Science (Materials Science), Chiang Mai University
	2004	Master of Science (Medical Physics), Chiang Mai University

Publication

Nobnop, W., Wanwilairat, S., Chawapan, N., Chitapanarux, I. *Monitor Unit calculation program for a MLC linear accelerator*. The 4th National Symposium on Graduate Research. Graduate school Chiang Mai University, August, 2004.

Nobnop, W., Wanwilairat, S., Chawapan, N., Chitapanarux, I. *A Monitor Unit calculation program for multileaf collimator linear accelerator*. Thai Association of Therapeutic Radiology and Oncology Annual meeting. Nakornrajchasrima, January, 2005.

Nobnop, W., Kamnerdsupaphon, P., Lorvidhaya, V., Wanwilairat, S. *Point dose Measurement For IMRT Monitor unit Verification*. Thai Association of Therapeutic Radiology and Oncology Annual meeting. Lopburi, January, 2007.

Nobnop, W., Kamnerdsupaphon, P., Lorvidhaya, V., Wanwilairat, S. *Dose Verification for Intensity Modulated Radiation Therapy*. Chiang Mai Medical Bulletin, 46(3). September, 2007.

Nobnop, W., Wanwilairat, S., Lorvidhaya, V., Kamnerdsupaphon, P. *Head and Neck cancer with step and shoot Intensity-Modulated Radiation Therapy (IMRT) in CMU hospital*. 9th Asia-Oceania Congress of Medical Physics (AOCMP) and 7th South-East Asian Congress of Medical Physics (SEACOMP). Chiang Mai, October, 2009.

- Nobnop**, W., Wanwilairat, S. *Comparison of Physical and Virtual Wedge beam characteristic and their applications in breast cancer treatment* . 9th Asia-Oceania Congress of Medical Physics (AOCMP) and 7th South-East Asian Congress of Medical Physics (SEACOMP) . Chiang Mai , October, 2009.
- Tharavichitkul, E., Chakrabandhu, S., Wanwilairat, S., Tippiya, D., **Nobnop**, W., Pukanhaphan, N., Galalae, RM., Chitapanarux, I. Intermediate-term results of image-guided brachytherapy and high-technology external beam radiotherapy in cervical cancer: Chiang Mai University experience. *Gynecol Oncol.* 2013; 130(1): 81-5.
- Tharavichitkul, E., Wanwilairat, S., Chakrabandhu, S., Klunklin, P., Onchan, W., Tippiya, D., **Nobnop**, W., Galalae, R., Chitapanarux, I. Image-guided brachytherapy (IGBT) combined with whole pelvic intensity-modulated radiotherapy (WP-IMRT) for locally advanced cervical cancer: a prospective study from Chiang Mai University Hospital, Thailand *J Contemp Brachytherapy.* 2013 Mar; 5(1): 10–16.
- Chitapanarux, I., Chomprasert, K., **Nobnop**, W., Wanwilairat, S., Tharavichitkul, E., Jakrabhandu, S., Onchan, W., Traisathit, P., Van, Gestel. A dosimetric comparison of two-phase adaptive intensity-modulated radiotherapy for locally advanced nasopharyngeal cancer. *J Radiat Res*, 2015; 56(3): 529-38.
- Chitapanarux, I., Tharavichitkul, E., **Nobnop**, W., Wanwilairat, S., Roy Vongtama., Traisathit, P. A comparative planning study of step-and-shoot IMRT versus helical tomotherapy for whole-pelvis irradiation in cervical cancer. *J Radiat Res*, 2015; 56(3): 539-45.

Experience

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| 2008-2010 | Resident in IAEA clinical training programme: Radiation Oncology Medical Physicist (ROMP), Thailand (Qualified with Distinction Awards) |
| 2015 | Participated in “Training Course on Small Field Dosimetry”, Argonne National Laboratory, USA |

Professional

2003 - Present

Medical Physicist

Division of Radiation Oncology, Faculty of Medicine,
Chiang Mai University, Chiang Mai, Thailand



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