

Barbara Rubek Nielsen
Speciallæge
Department of Geriatric Medicine and Palliative Care
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Main research areas

I work within all aspects of geriatrics in hospitals and primary care, as well as during transitions between sectors

Qualifications

Geriatrician
1 Sept 0002 → 31 Dec 2024
Award Date: 31 Dec 2024

PhD - Gerontology
1 Mar 2012 → 15 Jan 2016
Award Date: 15 Jan 2016

Foundation year 1
1 Feb 2011 → 29 Feb 2012
Award Date: 29 Feb 2012

Doctor of medicine, University of Copenhagen
1 Feb 2002 → 22 Jan 2011
Award Date: 22 Jan 2011

Employment

Consultant

Speciallæge
Department of Geriatric Medicine and Palliative Care
The Capital Region of Denmark
1 Dec 2024 → present

Associate professor

University of Copenhagen
Copenhagen, Denmark
1 Feb 2025 → present

Guest lecturer

University of Copenhagen
Copenhagen, Denmark
1 Feb 2023 → present

Research outputs

High prevalence of sarcopenia, osteoporosis and osteosarcopenia in patients with chronic kidney disease compared with healthy controls

Rashid, A., Hauge, S. C., Nielsen, B. R., Zerahn, B., Jørgensen, A. S. F., Nagarajah, S., Nielsen, M. F., Mace, M. L., Nordholm, A., Suetta, C. & Hansen, D., 2026, (E-pub ahead of print) In: Osteoporosis International.

Exploring in-hospital mobility practices for geriatric patients: insights from a mixed-method study

Johansen, L. K., Larsen, T. S., Kirk, J. W., Pedersen, B. S., Nielsen, B. R., Kallemsø, T., Bandholm, T. & Pedersen, M. M., 13 May 2025, In: BMC Geriatrics. 25, 1, 330.

Sarcopenia and self-reported markers of physical frailty in patients with osteoporosis

Nielsen, B. R., Andersen, H. E., Hovind, P., Jørgensen, N. R., Schwarz, P., Kristensen, S. H. & Suetta, C., 17 Aug 2024, In: Archives of Osteoporosis. 19, 1, 77.

Threshold of Relative Muscle Power Required to Rise from a Chair and Mobility Limitations and Disability in Older Adults
Alcazar, J., Alegre, L. M., Suetta, C., Júdece, P. B., Van Roie, E., González-Gross, M., Rodríguez-Mañas, L., Casajús, J. A., Magalhães, J. P., Nielsen, B. R., García-García, F. J., Delecluse, C., Sardinha, L. B. & Ara, I., 1 Nov 2021, In: *Medicine and Science in Sports and Exercise*. 53, 11, p. 2217-2224 8 p., 000000000002717.

Relative sit-to-stand power: aging trajectories, functionally relevant cut-off points, and normative data in a large European cohort

Alcazar, J., Alegre, L. M., Van Roie, E., Magalhães, J. P., Nielsen, B. R., González-Gross, M., Júdece, P. B., Casajús, J. A., Delecluse, C., Sardinha, L. B., Suetta, C. & Ara, I., Aug 2021, In: *Journal of Cachexia, Sarcopenia and Muscle*. 12, 4, p. 921-932 12 p., 12737.

Republished: Severe hypophosphataemia following oral bisphosphonate treatment in a patient with osteoporosis

Bagger, L. W., Hansen, P. K. D., Schwarz, P. & Nielsen, B. R., Jul 2021, In: *Drug and therapeutics bulletin*. 59, 7, p. 107-111 5 p., 235083rep.

Severe hypophosphataemia following oral bisphosphonate treatment in a patient with osteoporosis

Bagger, L. W., Hansen, P. K. D., Schwarz, P. & Nielsen, B. R., 8 Oct 2020, In: *BMJ Case Reports*. 13, 10

Prevalence of muscle dysfunction concomitant with osteoporosis in a home-dwelling Danish population aged 65-93years - The Copenhagen Sarcopenia Study

Nielsen, B. R., Andersen, H. E., Haddock, B., Hovind, P., Schwarz, P. & Suetta, C., Sept 2020, In: *Experimental Gerontology*. 138, 110974.

Impact of using the updated EWGSOP2 definition in diagnosing sarcopenia: A clinical perspective

Van Ancum, J. M., Alcazar, J., Meskers, C. G. M., Nielsen, B. R., Suetta, C. & Maier, A. B., 14 Jun 2020, In: *Archives of Gerontology and Geriatrics*. 90, p. 104125

Sarcopenia and osteoporosis in older people: a systematic review and meta-analysis

Nielsen, B. R., Andersen, H. E., Schwarz, P., Abdulla, J. A. M. & Suetta, C. A., Jul 2018, In: *European Geriatric Medicine*. 9, 4, p. 419-434

Vertebral fracture assessment by DXA is inferior to X-ray in clinical severe osteoporosis

Deleskog, L., Laursen, N. Ø., Nielsen, B. R. & Schwarz, P., Jul 2016, In: *Osteoporosis International*. 27, 7, p. 2317-2326 10 p.

Bones and aging: Are markers of biological and cellular aging associated with bone parameters?

Nielsen, B. R., 2016, 99 p.

The Influence of Clinical Experience and Photographic Presentation on Age Assessment of Women

Nielsen, B. R., Linneberg, A., Christensen, K., Forman, J. L. & Schwarz, P., 2016, In: *Gerontology*. 62, 2, p. 191-9

Perceived age is associated with bone status in women aged 25-93 years

Nielsen, B. R., Linneberg, A., Christensen, K. & Schwarz, P., Dec 2015, In: *Age (Dordrecht, Netherlands)*. 37, 6, p. 106

Association between Leukocyte Telomere Length and Bone Mineral Density in Women 25-93 Years of Age

Nielsen, B. R., Linneberg, A., Bendix, L., Harboe, M., Christensen, K. & Schwarz, P., 10 Apr 2015, In: *Experimental Gerontology*. 66, p. 25-31

Muscle strength, power and cardiorespiratory fitness are associated with bone mineral density in men aged 31-60 years

Schwarz, P., Jørgensen, N., Nielsen, B., Laursen, A. S. D., Linneberg, A. & Aadahl, M., 30 Sept 2014, In: *Scandinavian Journal of Public Health*. 42, 8, p. 773-779

Elevated liver enzymes, anaemia and osteopaenia in a young woman

Nielsen, B. R., Schwarz, P., Friis, S. & Gluud, L. L., 2012, In: *BMJ Case Reports*.

Primary and secondary prophylaxis to the use of inhaled glucocorticoid in primary health care
Nielsen, B. R., Jørgensen, N. R. & Schwarz, P., 2008, In: Journal of Asthma. 45, 6, p. 519-22 4 p.

Management of risk of glucocorticoid-induced osteoporosis due to systemic administration in general practice in Denmark.
Nielsen, B. R., Jørgensen, N. R. & Schwarz, P., 2007, In: European Journal of General Practice. 13, 3, p. 168-71 3 p.

Prizes

Management of risk of glucocorticoid induces osteoporosis due to systemic glucocorticoid in Denmark
Nielsen, B. R. (Recipient), 2006

Management of risk of glucocorticoid induced osteoporosis due to inhaled glucocorticoid in Denmark
Nielsen, B. R. (Recipient), 2006

No association between BMD and telomere length in healthy women aged 25-93 years
Nielsen, B. R. (Recipient), 2014

Tidligere ansættelser:

Post-graduat

Sep. 2017 – jan. 2018:

Reservelæge (hukommelsesklinikken), Neurologisk afdeling, HGH.

Jul. 2017 - aug. 2017:

Reservelæge (delt forsknings – og klinikstilling), Medicinsk afdeling M, AHH, Glostrup.

Jan. 2017. - jun. 2017: Reservelæge (introduktionsstilling endokrinologi), Medicinsk afdeling O, HGH.

Nov. 2016 - dec. 2016:

Reservelæge, Medicinsk afdeling M, AHH, Glostrup.

Okt. 2015 - sep. 2016: Reservelæge, (introduktionsstilling geriatri). Medicinsk afdeling M, AHH, Glostrup.

Jul. 2011 - sep. 2015:

Klinisk assistent, Ph.d.-studerende herunder sub-investigator ((Merck Sharp & Dohme corp. Odana MK0822), Amgen (AMG 785 protokol 20070337/2010142, Denosumap protokol 20080098)), Forskningscenter for Aldring og Osteoporose, Afdeling M, Glostrup Hospital.

Feb. 2011 - jun. 2011:

Opstartsstipendiat mhp. protokol for Ph.d.studie, Forskningscenter for Aldring og Osteoporose, Afdeling M, Glostrup Hospital.

Aug. 2010 - jan. 2011:

Reservelæge (KBU), Medicinsk afdeling F, Gentofte Hospital.

Feb. 2010 - jul. 2010:

Reservelæge (KBU), Karkirurgisk afdeling B, Gentofte Hospital.

Fagrelevant præ-gratuat

Sep. 2007- sep. 2008:

Medarbejder ved Nørmark Privathospital.

Apr. 2007 - sep. 2007:

Lægevikariat Sygehus Thy -Mors, ort.kir.

Mar. 2006 - sep. 2006:

Studentermødjhjælper. Forskningsprojekt (faldforebyggelse) ved læge Ane Vind, Geriatrik afdeling, Glostrup Hospital.

Aug. 2004 - aug. 2005:

Forskningsårsstuderende ved Professor Peter Schwarz, Biokemisk afdeling, Hvidovre Hospital.

Tillidshverv:

April 2024 -:

Repræsentant ved Forskningsrådet, AHH

Feb. 2017 - jun. 2017:

TR-suppleant, Medicinsk afdeling O, HGH

Nov. 2015 - sep. 2016:

Arbejdsmiljørepræsentant, Medicinsk afdeling M, AHH

Jun. 2012 - jan. 2014:

Repræsentant for yngre forskere ved Glostrup hospitals forskningsråd

Medlemskaber faglige selskaber

Danske selskab for Geriatri

Dansk Knoglemedicinsk selskab