

## PERSONAL INFORMATION

**Karri Penttila**

## WORK EXPERIENCE

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- October 1994–December 1994 **Physician in training**  
Iisalmi District Hospital (Finland)
- January 1995–December 1995 **Physician in training**  
Kuopio University Hospital (KUH) (Finland)  
Clinical Chemistry
- January 1996–June 1996 **Researcher**  
Kuopio University, Clinical Chemistry (Finland)
- July 1996–December 2000 **Physician in training**  
KUH, Internal Medicine (Finland)
- March 2001–August 2003 **Physician in training (Clinical Haematology)**  
KUH, Internal Medicine (Finland)
- June 2003–September 2003 **Clinical Haematologist (in training)**  
Helsinki University Hospital (Finland)
- October 2003–August 2010 **Clinical Haematologist /Internist**  
KUH (Finland)
- August 2010–Present **Senior Medical Officer**  
Finnish Medicines Agency FIMEA (Finland)
- November 2011–Present **Clinical Haematologist, Consultant**  
Savonlinna Central Hospital (Finland)

## EDUCATION AND TRAINING

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- **Licenciate of Medicine, 9.11.1993**  
University of Kuopio (Finland)
  - **Specialist of Internal Medicine, 18.1. 2001**  
University of Kuopio (Finland)
  - **Clinical Haematologist, 27.10. 2003**  
University of Kuopio (Finland)
  - **Doctoral thesis, 28.11.2005**  
University of Kuopio (Finland)

## ADDITIONAL INFORMATION

**Expertise** Clinical hematology, i.e. thrombosis and bleeding disorders

- Publications**
- 1: Penttilä I, Penttilä K, Halonen T, Pulkki K, Törrönen J, Rauramaa R. Adaptation of the Diazyme Direct Enzymatic HbA1c Assay for a microplate reader at room temperature. *Clin Chem Lab Med*. 2011 Jul;49(7):1221-3. Epub 2011 May 17.
  - 2: Jantunen E, Penttilä K, Pyörälä M, Mahlamäki E, Kuittinen T, Nousiainen T. Addition of plerixafor to a chemotherapy plus G-CSF mobilization in hard-to-mobilize patients. *Bone Marrow Transplant*. 2010 Apr 19. [Epub ahead of print] PubMed PMID: 20400986.
  - 3: Ervasti M, Penttilä K, Siltari S, Delezuch W, Punnonen K. Diagnostic, clinical and laboratory turnaround times in troponin T testing. *Clin Chem Lab Med*. 2008;46(7):1030-2. PubMed PMID: 18605943.
  - 4: Penttilä IM, Laatikainen A, Penttilä K, Punnonen K, Rantanen T, Savolainen K, Tiikkainen U. Imprecision of cardiac marker analyses among laboratories on the basis of external quality assurance results: Finnish experience. *Scand J Clin Lab Invest*. 2007;67(5):507-18. PubMed PMID: 17763187.
  - 5: Jantunen E, Heinonen K, Mahlamäki E, Penttilä K, Kuittinen T, Lehtonen P, Pyörälä M, Hänninen A, Nousiainen T. Secondary acute promyelocytic leukemia: an increasingly common entity. *Leuk Lymphoma*. 2007 Jan;48(1):190-1. PubMed PMID: 17325866.
  - 6: Jantunen E, Kuittinen T, Penttilä K, Lehtonen P, Mahlamäki E, Nousiainen T. High-dose melphalan (200 mg/m<sup>2</sup>) supported by autologous stem cell transplantation is safe and effective in elderly (>or=65 years) myeloma patients: comparison with younger patients treated on the same protocol. *Bone Marrow Transplant*. 2006 May;37(10):917-22. PubMed PMID: 16670701.
  - 7: Jantunen E, Penttilä K, Kuittinen T, Nousiainen T. [The use of anagrelide to treat thrombocytosis in connection with the chronic myeloproliferative disease]. *Duodecim*. 2006;122(4):453-7. Finnish. PubMed PMID: 16623100.
  - 8: Penttilä K, Koukkunen H, Halinen M, Punnonen K, Pyörälä K, Rantanen T, Penttilä I. Serum and plasma as alternative sample types in analysis of cardiac markers in the clinical routine. *Scand J Clin Lab Invest*. 2002;62(7):553-60. PubMed PMID: 12512746.
  - 9: Penttilä K, Koukkunen H, Halinen M, Rantanen T, Pyörälä K, Punnonen K, Penttilä I. Myoglobin, creatine kinase MB isoforms and creatine kinase MB mass in early diagnosis of myocardial infarction in patients with acute chest pain. *Clin Biochem*. 2002 Nov;35(8):647-53. PubMed PMID: 12499000.
  - 10: Koukkunen H, Penttilä K, Kempainen A, Penttilä I, Halinen M, Rantanen T, Pyörälä K. Ruling out myocardial infarction with troponin T and creatine kinase MB mass: diagnostic and prognostic aspects. *Scand Cardiovasc J*. 2001 Oct;35(5):302-6. PubMed PMID: 11771820.
  - 11: Koukkunen H, Penttilä K, Kempainen A, Penttilä I, Halinen MO, Rantanen T, Pyörälä K. Differences in the diagnosis of myocardial infarction by troponin T compared with clinical and epidemiologic criteria. *Am J Cardiol*. 2001 Oct 1;88(7):727-31. PubMed PMID: 11589837.
  - 12: Koukkunen H, Penttilä K, Kempainen A, Halinen M, Penttilä I, Rantanen T,

Pyörälä K. C-reactive protein, fibrinogen, interleukin-6 and tumour necrosis factor-alpha in the prognostic classification of unstable angina pectoris. *Ann Med.* 2001 Feb;33(1):37-47. PubMed PMID: 11310937.

13: Penttilä I, Penttilä K, Rantanen T. Laboratory diagnosis of patients with acute chest pain. *Clin Chem Lab Med.* 2000 Mar;38(3):187-97. Review. PubMed PMID: 10905753.

14: Penttilä K, Koukkunen H, Kemppainen A, Halinen M, Rantanen T, Pyörälä K, Penttilä I. Myoglobin, creatine kinase MB, troponin T, and troponin I - rapid bedside assays in patients with acute chest pain. *Int J Clin Lab Res.* 1999;29(2):93-101. PubMed PMID: 10436269.

15: Koukkunen H, Penttilä K, Kemppainen A, Halinen M, Penttilä I, Rantanen T, Pyörälä K. Troponin T and creatinine kinase isoenzyme MB mass in the diagnosis of myocardial infarction. *Ann Med.* 1998 Oct;30(5):488-96. PubMed PMID: 9814836.

16: Penttilä K, Penttilä I, Bonnell R, Kerth P, Koukkunen H, Rantanen T, Svanas G. Comparison of the troponin T and troponin I ELISA tests, as measured by microplate immunoassay techniques, in diagnosing acute myocardial infarction. *Eur J Clin Chem Clin Biochem.* 1997 Oct;35(10):767-74. PubMed PMID: 9368795.

17: Kröger H, Jurvelin J, Arnala I, Penttilä K, Rask A, Vainio P, Alhava E. Ultrasound attenuation of the calcaneus in normal subjects and in patients with wrist fracture. *Acta Orthop Scand.* 1995 Feb;66(1):47-52. PubMed PMID: 7863768.

18: Penttilä I, Hirvonen K, Julkunen A, Penttilä K, Rantanen T. Adaptation of the troponin T ELISA test to a microplate immunoassay reader. *Eur J Clin Chem Clin Biochem.* 1995 Jan;33(1):59-63. PubMed PMID: 7756442.

#### Projects

#### Memberships

Finnish Medical Association, Finnish Medical Society Duodecim, Finnish Society of Haematology

#### Other Relevant Information