

# **PEDIATRIC EMERGENCY MEDICINE in FINLAND**

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# Topics

- Emergency medicine services in Finland
- Pediatric emergency medicine services in Finland
- Future of Pediatric Emergency Medicine in Finland







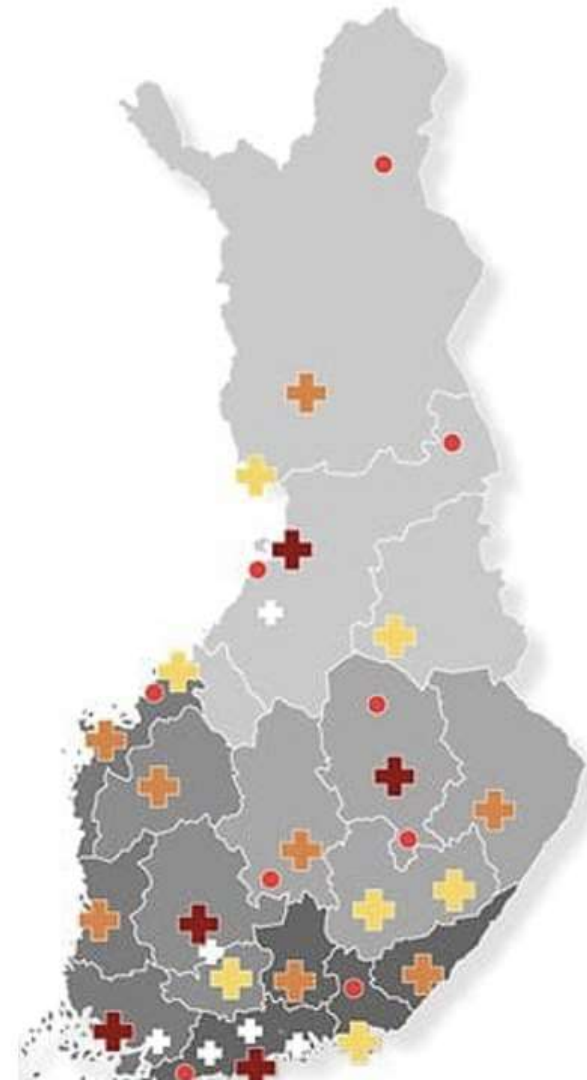


# Emergency medicine services



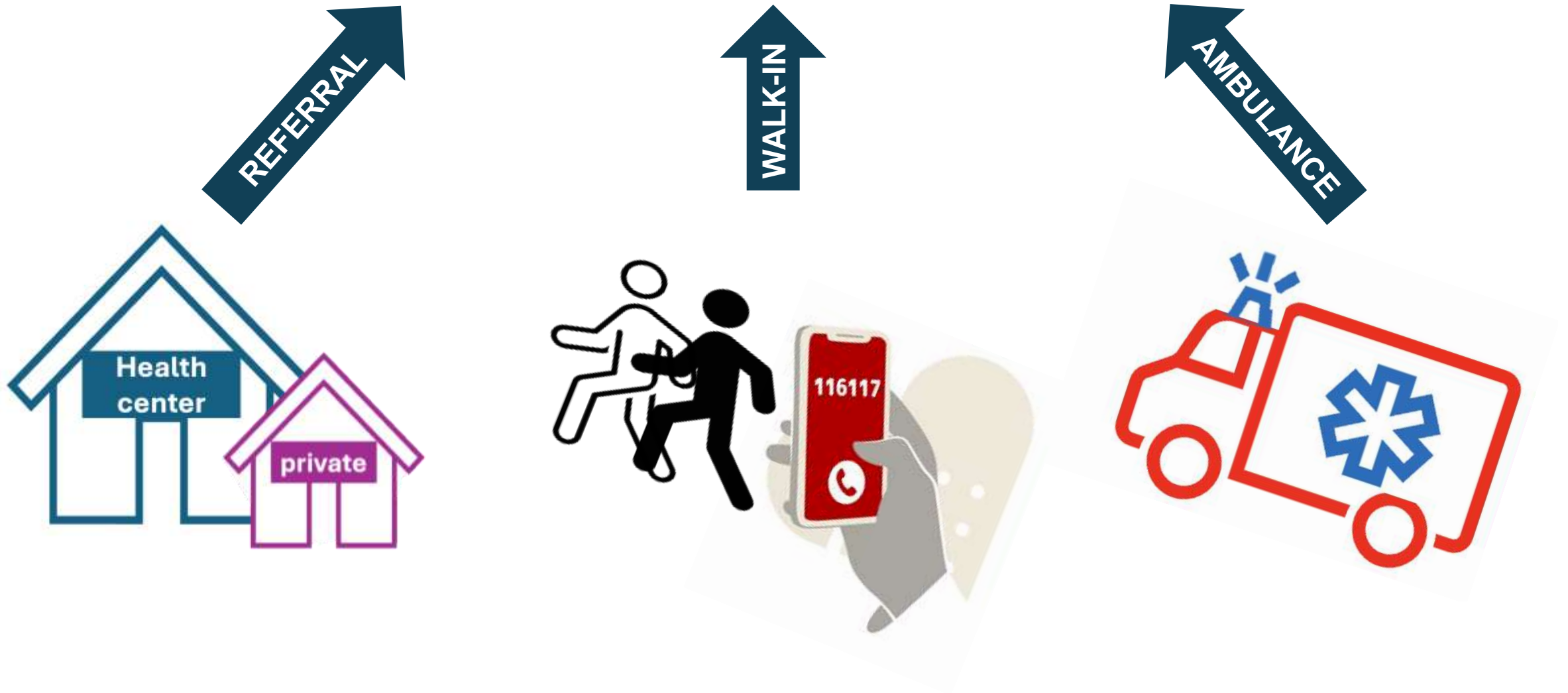
# URGENT and EMERGENCY CARE

-  University hospitals
-  Hospitals with extensive emergency care
-  Hospitals with emergency care
-  Hospitals with 24/7 urgent care
-  Health centers with 24/7 urgent care





# EMERGENCY DEPARTMENT







Hoidonperusteet.fi



- an online collection of guidelines for the ***grounds for urgent care***
- maintained and developed in ***expert panels***, with representatives from wellbeing services counties
- enables a ***high-quality, nationally equal and research-based*** assessment on the need for urgent care.





Hoidonperusteet.fi



WALK-IN

112

Call 112

NOW

See healthcare professional

24h

See healthcare professional  
within 24 hours (**not 22-08**)

1-3d

See healthcare professional  
in 1-3 days

Home

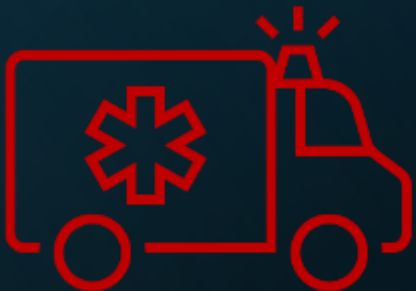
Homecare instructions





# Prehospital

- Emergency Response Centre Agency
  - Assessment of the need for prehospital emergency care
- Prehospital emergency services
  - Medical treatment
  - Transport
  - Assessment of the need for medical care







# Pediatric Emergency medicine services



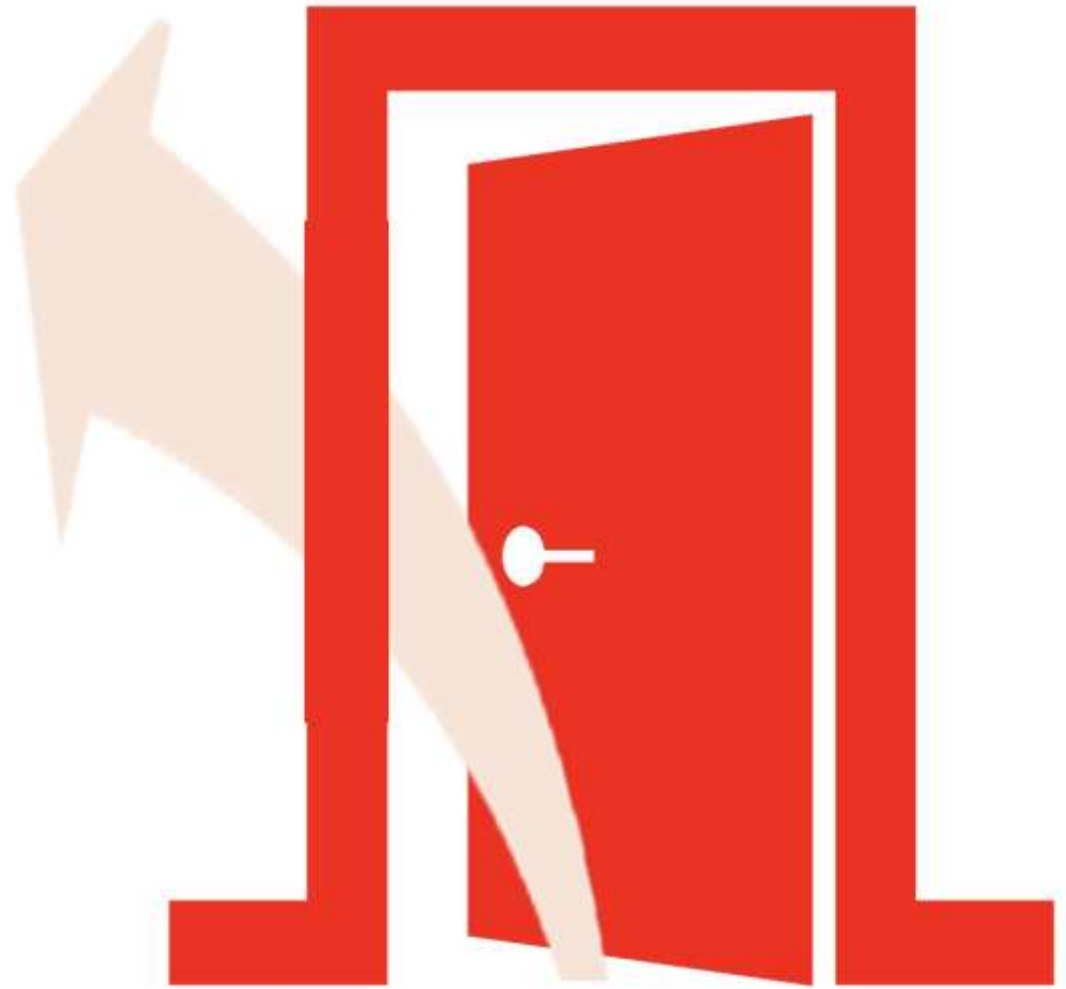




# PEDIATRIC EMERGENCY DEPARTMENT























# Future of Pediatric Emergency medicine in Finland



# Pediatric Emergency Medicine





# WHY Pediatric Emergency Physicians

Better outcomes have been demonstrated for children cared for in pediatric EDs staffed with pediatric emergency physicians

- decreased use of ionizing radiation imaging studies<sup>1</sup>
- improved care of febrile neonates<sup>2</sup>
- improved care of children with asthma<sup>3</sup>
- lower rates of laboratory testing in nonacute patients<sup>4</sup>



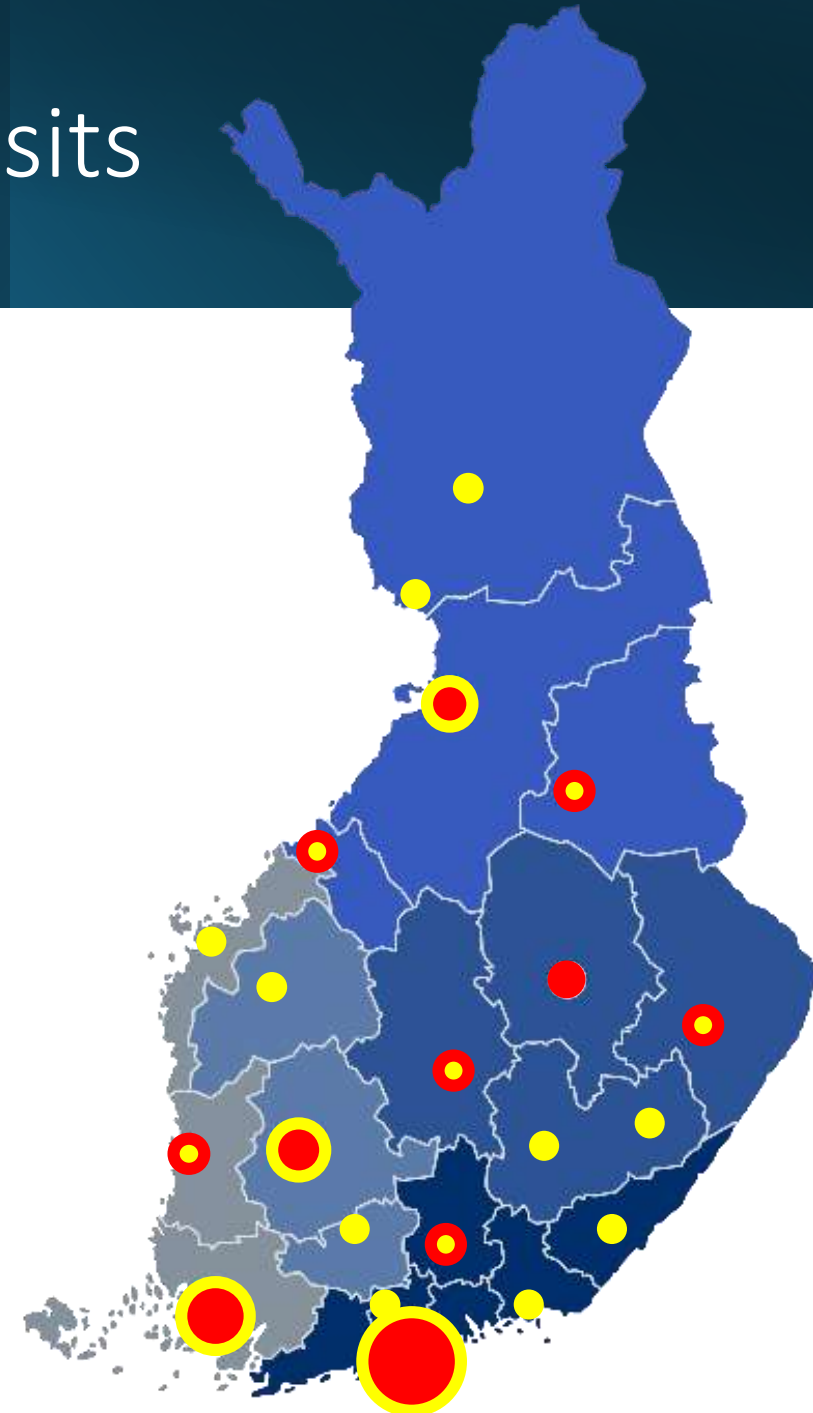
# WHY Pediatric Emergency Physicians

Any ED with more than 11 000 child attendances per year should have a PEM  
trained consultant <sup>5</sup>



# EDs in Finland with >11 000 annual visits

- Tertiary hospitals with PED (4/5)
- General ED's seeing children (6 /17)





# References

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2. Jain PN, Lerer R, Choi J, Dunbar J, Eisenberg R, Hametz P, Nassau S, Katyal C. Discrepancies Between the Management of Fever in Young Infants Admitted From Urban General Emergency Departments and Pediatric Emergency Departments. *Pediatr Emerg Care*. 2022 Aug 1;38(8):358-362
3. *Bekmezian A, Hersh AL, Maselli JH, Cabana MD. Pediatric emergency departments are more likely than general emergency departments to treat asthma exacerbation with systemic corticosteroids. J Asthma. 2011;48(1):69–74*
4. Michelson KA, Lyons TW, Hudgins JD, Levy JA, Monuteaux MC, Finkelstein JA, Bachur RG. Use of a National Database to Assess Pediatric Emergency Care Across United States Emergency Departments. *Acad Emerg Med*. 2018 Dec;25(12):1355-1364
5. IFEM; Standards of Care for Children in Emergency Departments.  
<https://assets.nationbuilder.com/ifem/pages/286/attachments/original/1650673696/Standards-of-Care-for-Children-in-Emergency-Departments-V3-April-2019.pdf?1650673696>





*Thank you !*

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