



ParC
Parkinson Center Nijmegen

Integrated and multidisciplinary network care for Parkinson's disease

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UMC St Radboud

1. Parkinson's is complex

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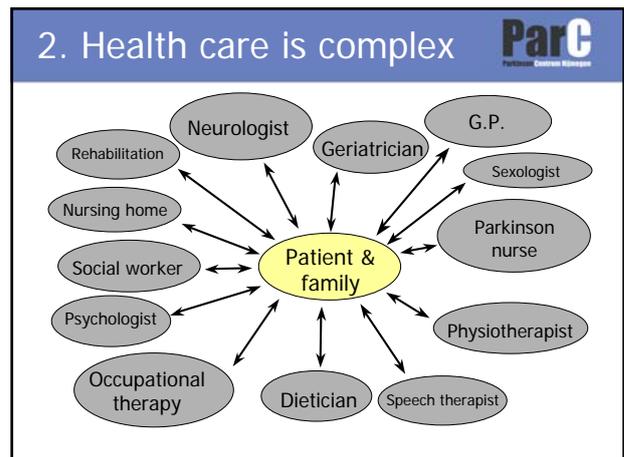
Motor symptoms & signs

Additional symptoms:

- Pain
- Depression
- Sleep disturbances
- Autonomic failure
- Cognitive decline
- ...

One size does not fit all

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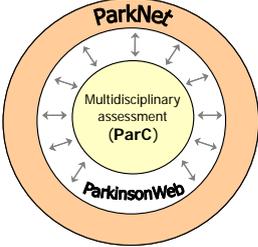



Problems 

1. Poor communication
2. Inadequate referrals, due to lack of criteria
 - ✓ "False-negative"
 - ✓ "False-positive"
3. Lack of specific expertise among therapists
 - ✓ No specific training
 - ✓ Lack of guidelines
 - ✓ Very few patients (≤ 3 per therapist)

A possible solution 

- Periodic multidisciplinary **assessment** in a tertiary referral center (ParC)
- Adequate **delivery of care** within immediate vicinity of patient's home (ParkNet)
- Optimal **communication** between different health professionals (ParkinsonWeb)



Goal 

Periodic, multidisciplinary **assessment** and **advice**



But also: 

To deliver **service**, both to patients, their families and referring colleagues



Team members



"Always":

- Neurologist
- Social worker
- Parkinson nurse specialist
- Team and care coordinator



Team members



Often:

- Physical therapist
- Occupational therapist
- Speech therapist



Team members



When needed:

- Sexologist
- Sleep expert
- Dietician
- Psychiatrist
- Rehabilitation specialist
- Neuropsychologist
- Geriatrician
- Job counselor
- ...



Multidisciplinary meetings



- Each morning
- All professionals who have seen the patient
→ Formulate multidisciplinary advice



ParkNet Arnhem-Nijmegen



Regional participants within the community:

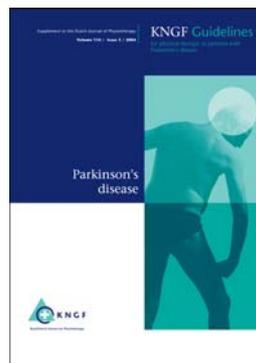
- 3 neurologists
- 3 Parkinson nurse specialists
- 20 physiotherapists
- 10 occupational therapists
- 10 speech therapists
- 1 neuropsychologist (expanding)



Participants working in clinical settings :

- Radboud University Medical Center
- Two community hospitals
- One rehabilitation center

According to guidelines



Evidence-based guideline
physiotherapy for PD

www.kngf.nl

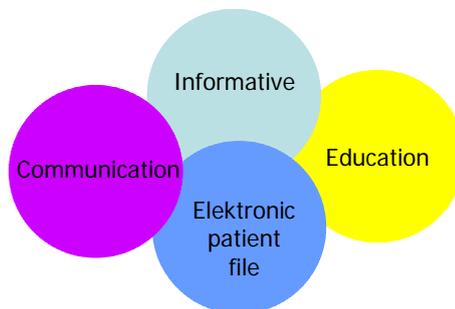
Guidelines occupational and
speech therapy underway

Keus, Bloem et al., Mov Disord 2007;22:451-460

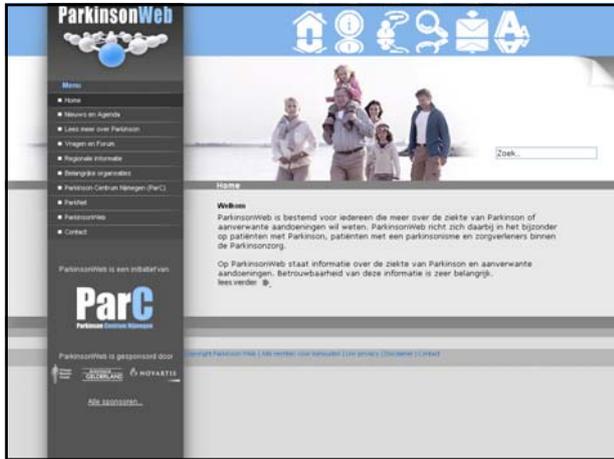
Award: best innovation 2006



ParkinsonWeb



For patients, family, health professionals and researchers



Profits **ParC** Parkinson Centrum Nederland

For the patient:

- Greater health benefit
- Health care “around the corner”
- Better quality of life

For therapists and neurologists:

- Better quality of care
- Greater efficiency
- Increased job satisfaction

For society:

- Reduce costs, via:
 - ✓ Greater efficiency
 - ✓ Fewer complications