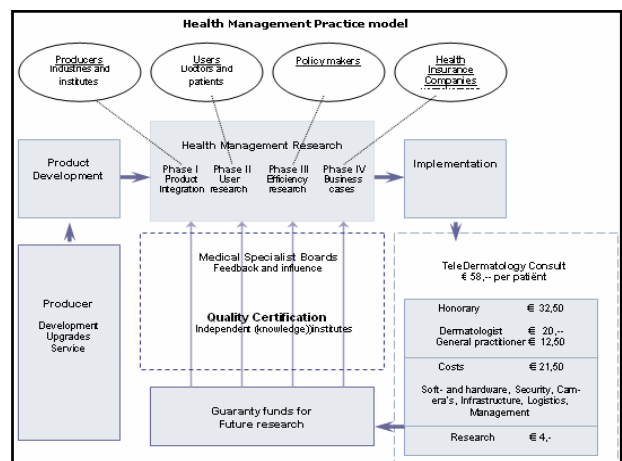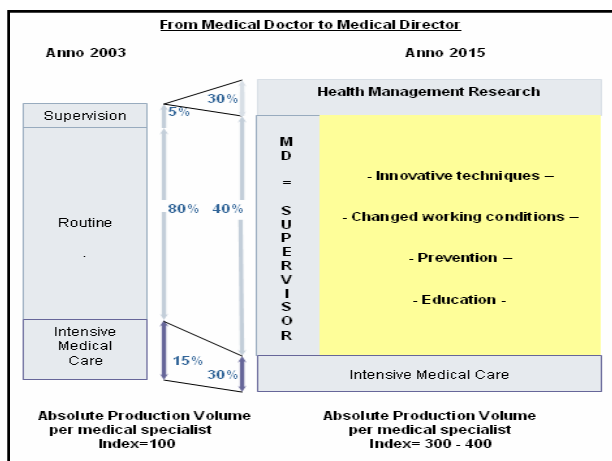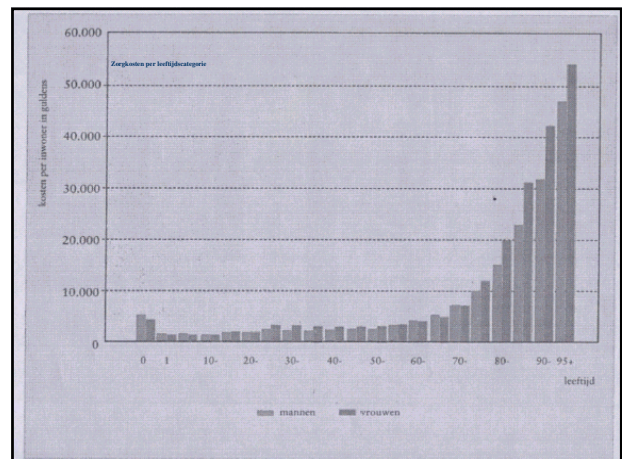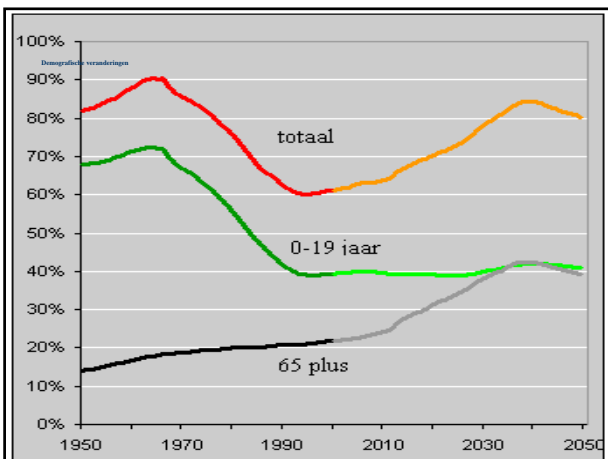# TeleDermatology
in Dermatology

Dr Leonard Witkamp
Director
KSYOS TeleMedical Centre

Conflict of Interest

KSYOS TeleMedical Centre is the first virtual hospital in The Netherlands and has to comply with Dutch law for health institutions.

KSYOS TeleMedical Centre provides TeleDermatology care exactly as factual hospitals provide Dermatology care.

From Medical Doctor to Medical Director

Anno 2003 — Anno 2015

Health Management Research

Supervision — 30% — 5%

MD = SUPERVISOR

- Innovative techniques –
- Changed working conditions –
- Prevention –
- Education -

Routine — 80% 40%

Intensive Medical Care — 15% 30%

Intensive Medical Care

Absolute Production Volume per medical specialist Index=100

Absolute Production Volume per medical specialist Index= 300 - 400

Health Management Practice model

Safety

Data: integre, traceable,
reachable en controllable

Certification of software,
medical service and organisation

Standardisation

Safety: UZI-pas

Unique
Healthworker
Identification
pass

User friendly

Software: sense and simple

Complete Infrastructure

Satisfaction research

Reimbursement

Regular reimbursement

Minimal quality requirements: UZI-pas, prevention of live
consults, responsetime dermatologist

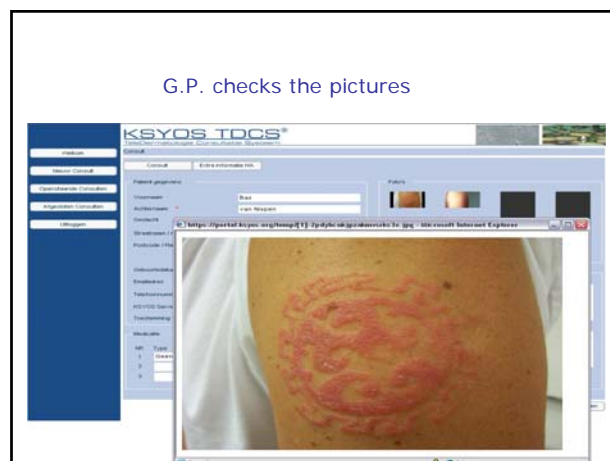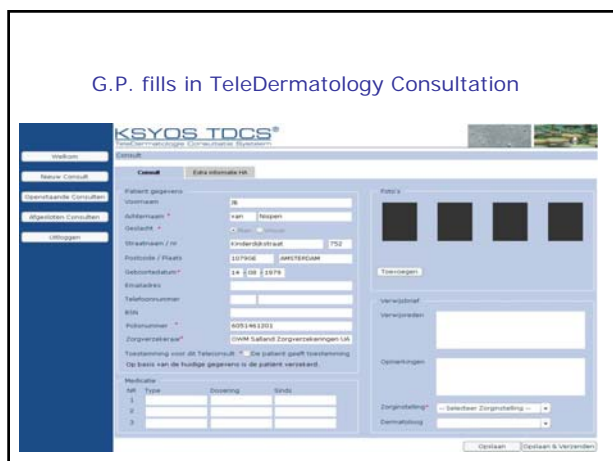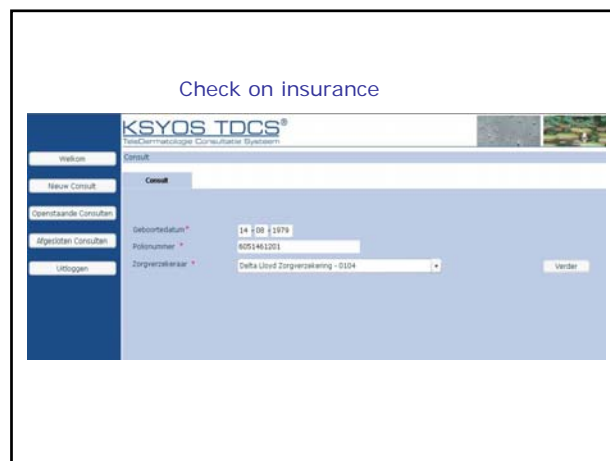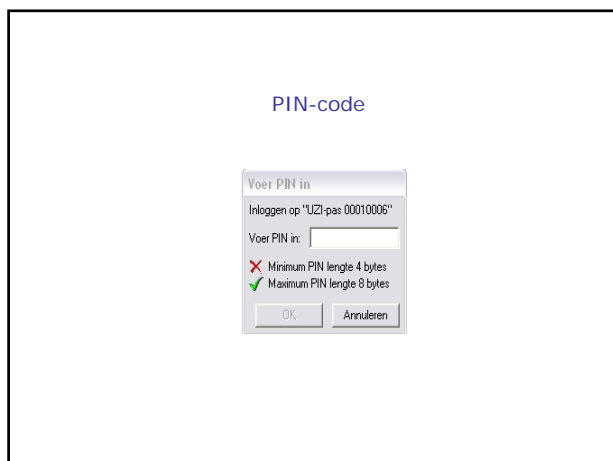Contracts with Health Insurance Companies

Honorary gp and dermatologist additional
to regular reimbursement

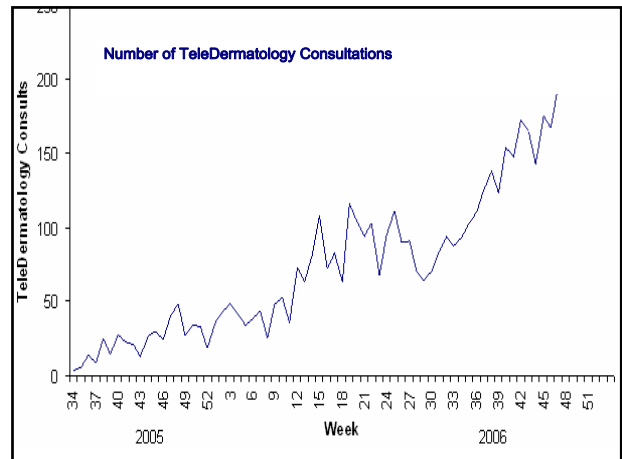Step 1: the general practitioner takes pictures

Overview

Detail

Step 2: Unique Healthworker identification pass

PIN-code

Check on insurance

G.P. fills in TeleDermatology Consultation

G.P. checks the pictures
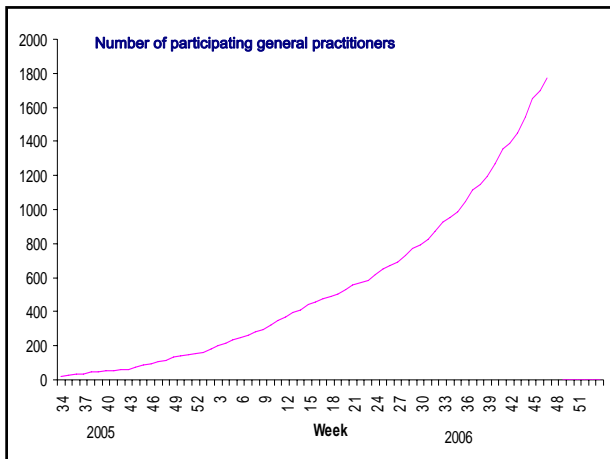
G.P. sends the TeleConsult

The dermatologist logs in

… and opens the TeleDermatology Consultation

The dermatologist sends the reponse

KSYOS and her partners AMC, ErasmusMC, LUMC, Medecs, Pleon en Plustien have won the grant Societal Sectors and ICT (€ 1.200.000,-) .

Number of participating general practitioners

Number of TeleDermatology Consultations

Prevention of referrals to dermatologist

60% on short term
50% on long term

70% in future

Dutch Health Authority

TeleDermatology
=
Dermatology

Dutch Director General of the Ministry of Health

TeleDermatology
=
Cost saving

TeleConsultation: safe and user friendly

	Cost	Benifit
Producer	Investment possibilities Standardisation	Return on investment Solid ICT development
User	Courage Mentality change	Better and quicker care Increased production income Lower cost for the patiënt Patient empowerment Fun Learning effect
Policy maker	Stimulation Law and regulation National infrastructure Certification	National infrastructure Standardisation Keep healthcare accessible
Health Insurer	Fair and stimulatory payment Quality indicators	Reduced costs Better control of quality Better service for clients Better quality of care
University	Development of new research methods	Subsidies, publications, theses etc.

TeleDermatology in Dermatology

Feasible
Necessary
Difficult

BARRIERS

International cooperation

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