Burden of burn injuries: quantifying the societal impact of burns with a state-of-art burden of disease methodology

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An observational study to obtain a comprehensive overview of long-term (≥5 years after burn injury) consequences after burn injuries, both in all patients admitted to burn centre admissions and in a subgroup of patients who suffered from...

Ethische beoordeling	Positief advies
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON25544

Bron
NTR

Verkorte titel
BOD study

Aandoening

Long-term consequences of burns

Ondersteuning

Primaire sponsor: Prof. dr. E. Middelkoop
Association of Dutch Burn Centres (ADBC)
P.O. Box 1015
1940 EA Beverwijk
Overige ondersteuning: Dutch Burn Foundation
Grant number: 15.102

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Long-term generic HRQL of children and adult burn survivors will be assessed by the ‘EuroQol-5D-5L + cognitive domain’ (EQ-5D-5L).

Toelichting onderzoek

Achtergrond van het onderzoek

SUMMARY

Rationale: Burden of disease calculations are an important resource in public health. The burden of disease aggregates all health consequences of a disease in one metric and is increasingly used for priority setting in health care, surveillance and interventions. For the calculation of the burden of disease, information on long-term consequences of the specific disease is needed. Currently, little is known about the long-term consequences and secondary conditions after burns. Therefore, calculation of the burden of burns is challenging.

Objective: To obtain a comprehensive overview of long-term (≥5 years after burn injury) consequences after burn injuries, both in all patients admitted to burn centre admissions and in a subgroup of patients who suffered from more extensive burns.

Study design: A multicentre cross-sectional study.

Study population: All burn patients (children and adults) who have been admitted to one of the three Dutch burn centres in the period August 2011 – July 2013 and with a hospital stay of more than one day or who have had surgical treatment for their burns.

For the cohort on extensive burns: all patients with extensive burns (over 20% total body surface area (TBSA)) in adults, over 10% TBSA in children <10 years or adults >50 years or TBSA third degree > 5% who had an admission to one of the three Dutch burn centres in the period 2010 – 2013.

Intervention (if applicable): Not applicable

Main study parameters/endpoints: To assess long-term health-related quality of life and long-term functioning, activities and participation of burn survivors, questionnaires that include questions on health-related quality of life, on body functioning, on participation and on environmental factors will be assessed in all patients.

In addition, to fully elucidate long-term consequences of extensive burns, muscular strength, aerobic capacity, contractures, body composition, fatigue, and habitual physical activity will

be assessed in patients with extensive burns.

Doel van het onderzoek

An observational study to obtain a comprehensive overview of long-term (≥5 years after burn injury) consequences after burn injuries, both in all patients admitted to burn centre admissions and in a subgroup of patients who suffered from more extensive burns.

Onderzoeksopzet

Outcomes will assessed once. At least 5 years after burns.

Onderzoeksproduct en/of interventie

None

Contactpersonen

Publiek

Inge Spronk
Maasstadweg 21

Rotterdam 3079 DZ
The Netherlands

Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Patients of all ages with a hospital stay of ≥1 night or with surgical treatment for their burns

in the period August 2011 – July 2012

- Informed consent

For the extended cohort on severe burns:

- Patients (≥10 - ≤50 years old) with major burns (over 20% TBSA)

- Patients (<10 and >50 years old) with major burns (over 10% TBSA)

- Patients with TBSA third degree > 5%

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Insufficient knowledge of the Dutch language

Deceased

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Anders
Blindering:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland

Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-03-2017
Aantal proefpersonen:	448
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum:	16-02-2017
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

ID: 43284
Bron: ToetsingOnline
Titel:

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL6249
NTR-old	NTR6407
CCMO	NL59981.101.16
OMON	NL-OMON43284

Resultaten