

Asbru protocol for the Management of Diabetes
Mellitus Type 2 (using 2 parallel lists for treatment)
(version 1)

plan Diabetes-Mellitus-Type-2

intentions

achieve overall-state: (glucose-monitoring $\neq$ bad)

plan-body type = sequentially, wait-for-optional-subplans = yes

wait-for one

Diagnostics

Policy

plan Diagnostics

intentions

achieve overall-state: is-known-parameter(glucose-evaluation) *in*
NOW

plan-body type = sequentially, wait-for-optional-subplans = yes

wait-for Anamnesis

Anamnesis

Glucose-determination

Risk-inventory

```

plan Anamnesis

  intentions

    achieve overall-state: is-known-variable(glucose-determination-
      needed)

  plan-body type = sequentially

  wait-for all

    do type = sequentially, wait-for-optional-subplans = yes
    wait-for Anamnesis-typical-signs
      Anamnesis-typical-signs
      Anamnesis-olderthan-45
    if (or (typical-signs = true) (risk-factors = true))

    then
      glucose-determination-needed  $\leftarrow$  true
    else
      glucose-determination-needed  $\leftarrow$  false

plan Anamnesis-typical-signs

  intentions

    achieve overall-state: is-known-variable(typical-signs)

  plan-body type = sequentially

  wait-for all

    do type = any-order
    wait-for all
      ask thirst
      ask polyuria
      ask weight-loss
    if (and (age > 60) (sex = female))

    then
      ask pruritis-vulvae
    if (or (thirst = true) (polyuria = true) (weight-loss = true) (and
      (age > 60) (sex = female) (pruritis-vulvae = true))
    )

    then
      typical-signs  $\leftarrow$  true
    else
      typical-signs  $\leftarrow$  false

```

```

plan Anamnesis-olderthan-45

  intentions

    achieve overall-state: is-known-variable(risk-factors)

  conditions

    filter-precondition: (and (age > 45) (triennial-visit = true))

plan-body type = sequentially

wait-for all

  do type = any-order
  wait-for all
    ask DMT2-in-1st-grade-relatives
    ask hypertension
    ask CV-diseases
    ask fat-metabolism-problems
    ask quetelet-index
    ask ethnic-group
  if (sex = female)
  then
    ask DM-in-past
    ask newborns-biggerthan-4kg
  if (or (DMT2-in-1st-grade-relatives = true) (hypertension =
true) (CV-diseases = true) (fat-metabolism-problems = true)
(quetelet-index ≥ 27) (ethnic-group = hindustanian) (and (sex =
female) (or (DM-in-past = true) (newborns-biggerthan-4kg = true))
)
)
  then
    risk-factors ← true
  else
    risk-factors ← false

```

plan Glucose-determination

intentions

achieve overall-state: (**or** is-known-parameter(fasting-glucose) *in* NOW
is-known-parameter(post prandial-glucose) *in* NOW
)

conditions

filter-precondition: (glucose-determination-needed = true)

plan-body type = sequentially

wait-for all

do type = any-order

wait-for one

Fasting-glucose-test-manual

Non-fasting-glucose-test-manual

if (glucose-evaluation = DMT2)

then

Fasting-glucose-test *in* ([2d, 7d] [-, -] [-, -])

(**or** plan-state-transition(leave, first, completed(Fasting-glucose-test-manual)) plan-state-transition(leave, first, completed(Non-fasting-glucose-test-manual)))

)

plan Fasting-glucose-test-manual

Fasting glucose test

conditions

activate-mode: manual

plan-body type = any-order

wait-for all

ask glucose-measurement-type

ask fasting-glucose

```
plan Non-fasting-glucose-test-manual
  Non-fasting glucose test

  conditions
    activate-mode: manual

  plan-body type = any-order

  wait-for all

    ask glucose-measurement-type
    ask non-fasting-glucose


plan Fasting-glucose-test
  Fasting glucose test

  plan-body type = any-order

  wait-for all

    ask glucose-measurement-type
    ask fasting-glucose
```

plan Risk-inventory

conditions

filter-precondition: (**and** is-known-parameter(glucose-evaluation)
in NOW
(glucose-evaluation = DMT2))

plan-body type = any-order

wait-for all

ask CH-diseases
ask CH-disease-in-youngertan-60-1st-grade-relatives
ask feeding-habits
ask smoking
ask alcohol-consuming
ask physical-exercise
ask quetelet-index
ask higher-blood-pressure
ask lower-blood-pressure
if (age < 50)
then
 Albumin-test
ask GHb
ask creatinin
Cholesterol-tests
Feet-examination
Retinopathy-investigation *in* ([-, -] [-, 6mon] [-, -] SELF)

plan Albumin-test

Albumin test

plan-body type = any-order

wait-for one

Albumin-test-manual
Albumin-creatinin-ratio-test-manual

plan Albumin-test-manual

Albumin test

conditions

activate-mode: manual

plan-body

ask albumin-in-urine

plan Albumin-creatinin-ratio-test-manual

Albumin-creatinin ratio test

conditions

activate-mode: manual

plan-body

ask albumin-creatinin-ratio-in-urine

plan Cholesterol-tests

Cholesterol tests

plan-body type = sequentially

wait-for all

ask total-cholesterol

ask HDL-cholesterol

ask triglycerids

plan Feet-examination

Perform a feet examination

plan-body user-performed

plan Retinopathy-investigation

Perform a retinopathy investigation

plan-body user-performed

```

plan Policy
  intentions
    avoid-bad-glucose-values:      avoid    intermediate-state:
    (glucose-monitoring = bad)

  conditions
    filter-precondition: (glucose-evaluation = DMT2)

  plan-body type = sequentially

  wait-for all
    Education-DMT2
    do type = unordered, retry-aborted-subplans = yes
    wait-for Treatments-and-Controls
      Treatments-and-Controls
      Policy-for-concurrent-diseases
      Policy-for-hypoglycemic-coma
      Policy-for-consultation
      Policy-for-chiropracist-referral
      Policy-for-nurse-referral

plan Education-DMT2
  Give information about the most important aspects of DM

  plan-body user-performed

```

plan Treatments-and-Controls

intentions

maintain-acceptable-glucose-values: **maintain**
intermediate-state: **(or** (glucose-monitoring = good)
(glucose-monitoring = acceptable))

maintain intermediate-action: activated(Quarterly-control) *in*
quarterly

maintain intermediate-action: activated(Annual-control) *in*
yearly

avoid-non-desired-situations: **avoid intermediate-state:**
(or (hypoglycemic-coma = true) (complications = true))

conditions

complete-condition: (alive = false)

plan-body type = parallel

wait-for none

Non-insulin-DMT2-treatments **on-abort** Insulin-DMT2-treatments
Treatment-of-CV-disease-risk-factors

cyclical-plan

Quarterly-control

retry-delay: min = 10w, max = 14w

cyclical-plan

Annual-control

retry-delay: min = 46w, max = 50w

plan Non-insulin-DMT2-treatments

intentions

achieve-acceptable-glucose-values: **achieve overall-state:**
(**or** (glucose-monitoring = good) (glucose-monitoring = acceptable))

avoid-insulin-treatment: **avoid intermediate-state:** (**or**
(DMT2-treatment = insulin-plus-antidiabetics) (DMT2-treatment
= insulin))

conditions

abort-condition: (**and** (glucose-monitoring = bad) completed(SU-
derivative-plus-metformin-treatment) *in* NOW
)

plan-body type = sequentially, wait-for-optional-subplans = yes

wait-for Diet-specialist-referral

Diet-specialist-referral
Fasting-glucose-test *in* ([11w, 13w] [-, -] [-, -] plan-state-
transition(leave, first, activated(Diet-specialist-referral)))

SU-derivative-or-metformin-treatment
SU-derivative-plus-metformin-treatment

plan Diet-specialist-referral

Diet specialist referral

intentions

avoid intermediate-state: (DMT2-treatment = antidiabetics)
achieve-acceptable-glucose-values

plan-body user-performed

```

plan SU-derivative-or-metformin-treatment

  variables

    antidiabetics: list of String
    antidiabetic-doses: list of amount
    iterator-antidiabetics: iterator(antidiabetics, first-element)
    iterator-antidiabetic-doses: iterator(antidiabetic-doses, first-element)

  intentions

    avoid intermediate-state: (or (gastrointestinal-side-effects =
    true) (and (hypoglycemia = true) (weight-gain = true))
    )

    achieve-acceptable-glucose-values

  conditions

    filter-precondition: (glucose-monitoring = bad)

  plan-body type = sequentially

  wait-for all

    DMT2-treatment  $\leftarrow$  antidiabetics
    if (quetelet-index  $\leq$  27)
    then
      ask drug-name
      put-last(drug-name, antidiabetics)
    else
      put-last(metformin, antidiabetics)
    antidiabetic-doses  $\leftarrow$  Initialise-drug-doses(antidiabetics, iterator-
    antidiabetics, antidiabetic-doses, iterator-antidiabetic-doses)
    antidiabetic-doses  $\leftarrow$  Find-antidiabetic-doses(antidiabetics, iterator-
    antidiabetics, antidiabetic-doses, iterator-antidiabetic-doses)

```

```

plan Initialise-drug-doses

  arguments

    drugs: list of String
    iterator-drugs: iterator
    drug-doses: list of amount
    iterator-drug-doses: iterator

  plan-body type = sequentially

  wait-for all

    reset-iterator(iterator-drugs)
    reset-iterator(iterator-drug-doses)
    go-to-next(iterator-drug-doses)
    do-repeatedly
      ask drug-dose
      insert-before-iterator(drug-dose, iterator-drug-doses)
      go-to-next(iterator-drugs)
      go-to-next(iterator-drug-doses)
    termination-condition: is-at-end(iterator-drugs)

returns drug-doses

```

plan Find-antidiabetic-doses

arguments

drugs: list of String
iterator-drugs: iterator
drug-doses: list of amount
iterator-drug-doses: iterator
antidiabetic-maximal-doses: Boolean

conditions

suspend-condition: (and antidiabetic-problems
activated(Check-for-antidiabetic-problems) *in* NOW
)

reactivate-condition: completed(Check-for-antidiabetic-
problems) *in* NOW

complete-condition: (glucose-monitoring $\neq$ bad)

abort-condition: (and (antidiabetic-maximal-doses = true)
(glucose-monitoring = bad))

plan-body

cyclical-plan

drug-doses, antidiabetic-maximal-doses $\leftarrow$ Increase-drug-
doses(drugs, iterator-drugs, drug-doses, iterator-drug-doses)

retry-delay: min = 2w, max = 4w

returns drug-doses

plan Increase-drug-doses

arguments

drugs: list of String
iterator-drugs: iterator
drug-doses: list of amount
iterator-drug-doses: iterator

variables

aux-doses: list of amount

plan-body type = sequentially

wait-for all

ask maximal-drug-doses
reset-iterator(iterator-drugs)
reset-iterator(iterator-drug-doses)
do-repeatedly
 ask drug-dose-increase
 put-last((+ drug-dose-increase **get**(iterator-drug-doses)), aux-
 doses)
 go-to-next(iterator-drugs)
 go-to-next(iterator-drug-doses)
termination-condition: is-at-end(iterator-drugs)

returns aux-doses, maximal-drug-doses

plan SU-derivative-plus-metformin-treatment

variables

antidiabetics: list of String
antidiabetic-doses: list of amount
iterator-antidiabetics: iterator(antidiabetics, first-element)
iterator-antidiabetic-doses: iterator(antidiabetic-doses, first-element)

intentions

achieve-acceptable-glucose-values
avoid-insulin-treatment

conditions

filter-precondition: (glucose-monitoring = bad)

plan-body type = sequentially

wait-for all

ask drug-name
put-last(drug-name, antidiabetics)
put-last(metformin, antidiabetics)
antidiabetic-doses $\leftarrow$ Initialise-drug-doses(antidiabetics, iterator-antidiabetics, antidiabetic-doses, iterator-antidiabetic-doses)
do type = unordered
wait-for Find-antidiabetic-doses
antidiabetic-doses $\leftarrow$ Find-antidiabetic-doses(antidiabetics, iterator-antidiabetics, antidiabetic-doses, iterator-antidiabetic-doses)
antidiabetics, antidiabetic-doses $\leftarrow$ Check-for-antidiabetic-problems(antidiabetics, iterator-antidiabetics, antidiabetic-doses, iterator-antidiabetic-doses)

plan Check-for-antidiabetic-problems

arguments

drugs: list of String
iterator-drugs: iterator
drug-doses: list of amount
iterator-drug-doses: iterator

conditions

filter-precondition: antidiabetic-problems: (or
(contraindications = true) (side-effects = true))

plan-body type = sequentially

wait-for all

ask problematic-antidiabetic
reset-iterator(iterator-drugs)
reset-iterator(iterator-drug-doses)
do-repeatedly
 go-to-next(iterator-drugs)
 go-to-next(iterator-drug-doses)
termination-condition: (or **get**(iterator-drugs) =
problematic-antidiabetic) **is-at-end**(iterator-drugs))

remove-at-iterator(iterator-drugs)
remove-at-iterator(iterator-drug-doses)
put-last(acarbose, drugs)
ask drug-dose
put-last(drug-dose, drug-doses)

returns drugs, drug-doses

plan Insulin-DMT2-treatments

intentions

achieve-acceptable-glucose-values
avoid-non-desired-situations

conditions

filter-precondition: (glucose-monitoring = bad)

plan-body type = sequentially

wait-for all

Education-insulin

do type = any-order

wait-for one

Insulin-with-or-without-antidiabetics-treatment

Only-insulin-treatment

plan Education-insulin

Give information about insulin self-control

plan-body user-performed

plan Insulin-with-or-without-antidiabetics-treatment

variables

insulin-dd: amount
insulin-type: insulin-type-scale
evening-insulin-dose: amount
evening-insulin-intake: insulin-intake-scale
morning-insulin-dose: amount
morning-insulin-intake: insulin-intake-scale

intentions

avoid intermediate-state: (insulin-dd > 1)
avoid-hypoglycemic-coma: **avoid** **intermediate-state:**
(hypoglycemic-coma = true)
achieve-acceptable-glucose-values

conditions

activate-mode: manual

plan-body type = sequentially, wait-for-optional-subplans = yes

wait-for Four-points-day-curve

DMT2-treatment $\leftarrow$ insulin-plus-antidiabetics
Four-points-day-curve
insulin-type $\leftarrow$ mid-term
insulin-dd $\leftarrow$ 1
ask par-evening-insulin-dose
evening-insulin-dose $\leftarrow$ par-evening-insulin-dose
evening-insulin-intake $\leftarrow$ after-meal
evening-dose $\leftarrow$ Find-evening-insulin-dose(evening-dose) *in* ([2d, 3d]
[-, -] [-, -] SELF)

insulin-dd, evening-insulin-intake, morning-insulin-dose, morning-
insulin-intake $\leftarrow$ Change-to-only-insulin-treatment(evening-insulin-
dose)

plan Four-points-day-curve

plan-body type = sequentially

wait-for all

ask fasting-glucose
ask after-breakfast-glucose
ask after-lunch-glucose
ask after-dinner-glucose

plan Find-evening-insulin-dose

arguments

evening-dose: amount

conditions

complete-condition: (fasting-glucose-monitoring = good)

abort-condition: (evening-dose $\geq$ 40)

plan-body

cyclical-plan

evening-dose $\leftarrow$ Test-glucose-and-adapt-evening-insulin(evening-dose)

retry-delay: min = 7d, max = 10d

returns evening-dose

plan Test-glucose-and-adapt-evening-insulin

arguments

evening-dose: amount

plan-body type = sequentially

wait-for all

Four-points-day-curve

ask evening-adaptation

returns (+ evening-dose evening-adaptation)

plan Change-to-only-insulin-treatment

arguments

evening-dose: amount

variables

dd: amount

evening-intake: insulin-intake-scale

morning-dose: amount

morning-intake: insulin-intake-scale

intentions

avoid intermediate-state: antidiabetic-problems

avoid intermediate-action: activated(Diabetes-specialist-referral)
in NOW

achieve-acceptable-glucose-values

avoid-hypoglycemic-coma

conditions

filter-precondition: (or (and (evening-dose > 40)
(fasting-glucose-monitoring $\neq$ bad))
(postprandial-glucose-monitoring = bad))

plan-body type = sequentially, wait-for-optional-subplans = yes

wait-for Find-morning-insulin-dose

DMT2-treatment $\leftarrow$ insulin

dd $\leftarrow$ 2

evening-intake $\leftarrow$ before-meal

ask par-morning-insulin-dose

morning-dose $\leftarrow$ par-morning-insulin-dose

morning-intake $\leftarrow$ before-meal

morning-dose $\leftarrow$ Find-morning-insulin-dose(morning-dose)

Diabetes-specialist-referral

returns dd, evening-intake, morning-dose, morning-intake

plan Find-morning-insulin-dose

arguments

 morning-dose: amount

conditions

complete-condition: (postprandial-glucose-monitoring = good)

plan-body

cyclical-plan

 morning-dose $\leftarrow$ Test-glucose-and-adapt-morning-insulin(morning-dose)

retry-delay: min = 7d, max = 10d

returns morning-dose

plan Test-glucose-and-adapt-morning-insulin

arguments

 morning-dose: amount

plan-body type = sequentially

wait-for all

 Four-points-day-curve

ask morning-adaptation

returns (+ morning-dose morning-adaptation)

plan Diabetes-specialist-referral

Diabetes specialist referral for change of insulin regime

intentions

 achieve-acceptable-glucose-values

 avoid-hypoglycemic-coma

conditions

filter-precondition: (postprandial-glucose-monitoring = bad)

plan-body user-performed

plan Only-insulin-treatment

variables

insulin-dd: amount
insulin-type: insulin-type-scale
evening-insulin-dose: amount
evening-insulin-intake: insulin-intake-scale
morning-insulin-dose: amount
morning-insulin-intake: insulin-intake-scale

intentions

avoid intermediate-state: antidiabetic-problems
achieve-acceptable-glucose-values
avoid-hypoglycemic-coma

conditions

activate-mode: manual

plan-body type = sequentially

wait-for all

DMT2-treatment $\leftarrow$ insulin
ask par-insulin-type
insulin-type $\leftarrow$ par-insulin-type
insulin-dd $\leftarrow$ 2
morning-insulin-dose $\leftarrow$ 12
morning-insulin-intake $\leftarrow$ before-meal
evening-insulin-dose $\leftarrow$ 6
evening-insulin-intake $\leftarrow$ before-meal
evening-insulin-dose, morning-insulin-dose $\leftarrow$ Find-insulin-
doses(evening-insulin-dose, morning-insulin-dose)

plan Find-insulin-doses

arguments

morning-dose: amount
evening-dose: amount

conditions

complete-condition: (glucose-monitoring $\neq$ bad)

plan-body

cyclical-plan

evening-dose, morning-dose $\leftarrow$ Test-glucose-and-adapt-insulin(evening-dose, morning-dose)

retry-delay: min = 2d, max = 3d

returns evening-dose, morning-dose

plan Test-glucose-and-adapt-insulin

arguments

evening-dose: amount
morning-dose: amount

plan-body type = sequentially

wait-for all

Four-points-day-curve
ask evening-adaptation
ask morning-adaptation

returns (+ evening-dose evening-adaptation), (+ morning-dose morning-adaptation)

plan Treatment-of-CV-disease-risk-factors

plan-body type = unordered, wait-for-optional-subplans = yes

wait-for none

Smoking-advice
Hypertension-treatment
Cholesterol-treatment
Microalbuminuria-treatment

plan Smoking-advice

Recommend strongly that the patient stops smoking

conditions

filter-precondition: (smoking = true)

plan-body user-performed

plan Hypertension-treatment

conditions

filter-precondition: (or (higher-blood-pressure > 150)
(lower-blood-pressure > 85))

plan-body

NHG-hypertension-protocol-referral

plan NHG-hypertension-protocol-referral

Refer to NHG Hypertension protocol

plan-body user-performed

plan Cholesterol-treatment

conditions

filter-precondition: (and (fat-metabolism-problems = true)
(life-expectancy > 5) (CH-disease-risk = significant))

plan-body type = sequentially

wait-for all

cholesterol-treatment $\leftarrow$ true
NHG-cholesterol-protocol-referral

plan NHG-cholesterol-protocol-referral

Refer to NHG Cholesterol protocol

plan-body user-performed

plan Microalbuminuria-treatment

variables

ACE-inhibitors: list of String
ACE-inhibitors-doses: list of amount
iterator-ACE-inhibitors: iterator(antidiabetics, first-element)
iterator-ACE-inhibitor-doses: iterator(antidiabetic-doses, first-element)

conditions

filter-precondition: (**and** (age < 50) (microalbuminuria = true))

plan-body type = sequentially

wait-for all

ask drug-name
put-last(drug-name, ACE-inhibitors)
ACE-inhibitor-doses $\leftarrow$ Initialise-drug-doses(ACE-inhibitors,
iterator-ACE-inhibitors, ACE-inhibitor-doses, iterator-ACE-
inhibitor-doses)
ACE-inhibitor-doses $\leftarrow$ Find-ACE-inhibitor-doses(ACE-inhibitors,
iterator-ACE-inhibitors, ACE-inhibitor-doses, iterator-ACE-
inhibitor-doses)

plan Find-ACE-inhibitor-doses

arguments

drugs: list of String
iterator-drugs: iterator
drug-doses: list of amount
iterator-drug-doses: iterator
ACE-inhibitor-maximal-doses: Boolean

conditions

complete-condition: (or (and (higher-blood-pressure $\leq$ 140)
(lower-blod-pressure $\leq$ 80))
(ACE-inhibitor-maximal-doses = true))

plan-body

cyclical-plan

drug-doses, ACE-inhibitor-maximal-doses $\leftarrow$ Increase-drug-doses(drugs, iterator-drugs, drug-doses, iterator-drug-doses)

retry-delay: min = 1mon, max = 3mon

returns drug-doses

plan Quarterly-control

plan-body type = any-order

wait-for all

ask wellbeing
ask hypoglycemia
ask feeding-problems
ask treatment-problems
ask weight
if (or (DMT2-treatment = insulin) (DMT2-treatment = insulin-plus-antidiabetics))

then

Four-points-day-curve

else

Fasting-glucose-test

do type = sequentially

wait-for all

ask feet-problems

if (feet-problems = true)

then

Feet-examination

```

plan Annual-control
  plan-body type = any-order
  wait-for all
    Quarterly-control
    ask visus-problems
    ask CV-problems
    ask neuropathy
    ask sexual-problems
    ask higher-blood-pressure
    ask lower-blood-pressure
    Feet-examination
    if (or (DMT2-treatment = insulin) (DMT2-treatment =
    insulin-plus-antidiabetics))

    then
      Injection-points-investigation
    ask GHb
    ask creatinin
    if (cholesterol-treatment = false)
    then
      Cholesterol-tests
    if (age < 50)
    then
      Albumin-test
    Funduscopy

plan Injection-points-investigation
  Perform an investigation of injection points
  plan-body user-performed

plan Funduscopy
  Perform a funduscopy
  plan-body user-performed

```

plan Policy-for-concurrent-diseases

conditions

filter-precondition: concurrent-diseases: (**or** (fever = true)
(vomiting = true) (diarrhea = true))

abort-condition: (concurrent-diseases-over = true)

plan-body type = sequentially

wait-for all

Extra-fluid-intake-prescription
Glucose-lowering-therapy-advice
ask concurrent-diseases-over

plan Extra-fluid-intake-prescription

Prescribe extra fluid intake

plan-body user-performed

plan Glucose-lowering-therapy-advice

Temporary increase based on blood glucose levels. Never discontinue insulin, even if less food is consumed

plan-body user-performed

plan Policy-for-hypoglycemic-coma

conditions

filter-precondition: (hypoglycemic-coma = true)
abort-condition: (hypoglycemic-coma-over = true)

plan-body type = sequentially

wait-for all

do type = any-order
wait-for one
Glucose-solution-prescription-manual
Glucagon-prescription-manual
Carbohydrate-rich-feeding-prescription
Hypoglycemia-cause-investigation
ask hypoglycemic-coma-over

plan Glucose-solution-prescription-manual

Prescribe glucose solution

conditions

activate-mode: manual

plan-body user-performed

plan Glucagon-prescription-manual

Prescribe glucagon

conditions

activate-mode: manual

plan-body user-performed

plan Carbohydrate-rich-feeding-prescription

Prescribe carbohydrate rich feeding

plan-body user-performed

plan Hypoglycemia-cause-investigation

Perform a investigation of hypoglycemia cause

plan-body user-performed

plan Policy-for-consultation

conditions

filter-precondition: (**or** (insulin-adjustment-needed = true) (**and**
(postprandial-glucose-monitoring = bad) (insulin-dd = 2))
(diabetes-ulcus-after-2-weeks = true) (creatinin > 200)
(creatinin-clearance < 30) (**or** (lethargy = true) (dehydration
= true) (vomiting = true))
(hypoglycemic-coma-after-30-min = true))

abort-condition: (consultation-over = true)

plan-body type = sequentially

wait-for all

Consultation

ask consultation-over

plan Consultation

Consultation

plan-body user-performed

plan Policy-for-chiropodist-referral

conditions

filter-precondition: (**or** (pressure-points = true)
(bad-standing-habits = true))

abort-condition: (chiropodist-referral-over = true)

plan-body type = sequentially

wait-for all

Chiropodist-referral

ask chiropodist-referral-over

plan Chiropodist-referral

Chiropodist referral

plan-body user-performed

plan Policy-for-nurse-referral

conditions

filter-precondition: (**or** (self-monitoring-training-needed = true)
(insulin-treatment-start = true))

abort-condition: (nurse-referral-over = true)

plan-body type = sequentially

wait-for all

Nurse-referral

ask nurse-referral-over

plan Nurse-referral

Nurse referral

plan-body user-performed

File created by Mar Marcos on -.

File updates:

- *Mar Marcos, 26.2.2002: Changes to solve open issues (after CBO experts)*
- *Mar Marcos, 23.5.2002: Introduction of treatment intentions (after CBO)*
- *Mar Marcos, 24.5.2002: Last update*