The Michigan Model for Diabetes

22-Apr-2009

Type 2 diabetes

No Diabetes

Nephropathy

IGT

Retinopathy

Type 2 Diab.

Neuropathy

No Diabetes

Diabetes

Treatment
Diet Exercise

Treatment
Oral Meds

Treatment
Insulin

NO Nephropathy

Micro-
albuminuria

Proteinuria

ESRD with
Dialysis

ESRD with
Transplant

ESRD Death

No Retinopathy

Non-
proliferative

Proliferative

Macular edema

Blindness

No Neuropathy

Clinical Neuropathy

Amputation

Diab.
Death

Cerebrovascular disease

NO CVD

Angina

MI

Survive MI

CVD Death

No Cerebrovascular disease

Stroke

Survive Stroke

Stroke Death

Competing Death

Alive

Other Death

Cardiovascular disease

No CVD

Angina

MI

Survive MI

CVD Death
Legend

- Regular state
- Event State
- Terminal State

Regular transition

Splitting transition to multiple parallel sub-processes

No transition initiated from the Sub-process, yet the sub process may end due to another sub-process ending

Sub-Process with nesting level 2

Sub-process nesting level 1