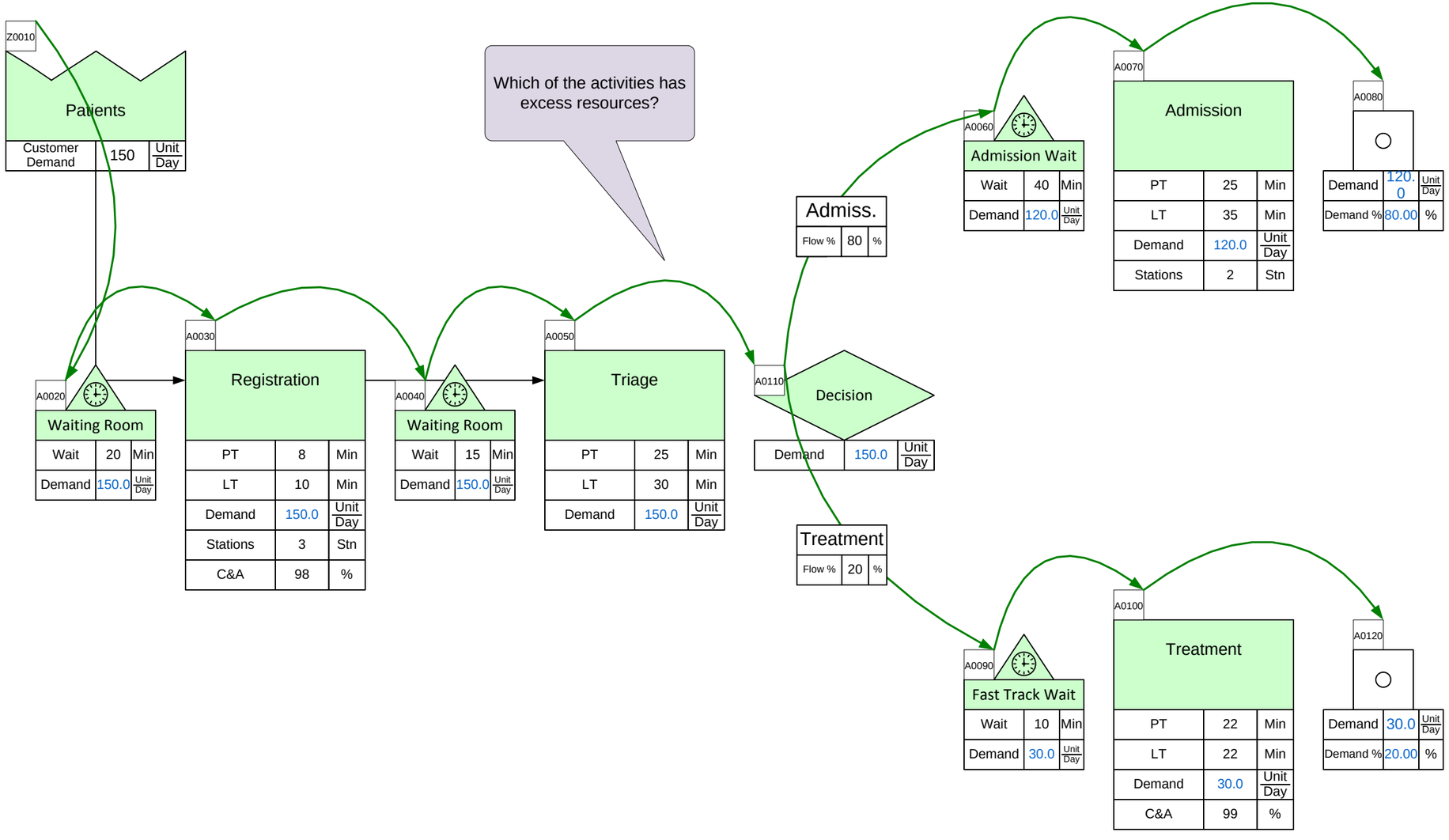
Healthcare Problem: Excess Capacity

We have hold-ups in several places because we are always short-staffed. Do we have any excess resource we might re-deploy?



Units	Day	Wk	Year
	24	5	52
	Hr	Day	Wk

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Healthcare Solution: Excess Capacity

We have hold-ups in several places because we are always short-staffed. Do we have any excess resource we might re-deploy?

Which of the activities has excess resources?

The Capacity Chart shows that the Registration process has excess capacity. If these resources were redeployed it would decrease the likelihood of hold-ups by increasing the capacity at other processes.

Z0010 **Patients**

Customer Demand	150	Unit / Day

A0020 **Waiting Room**

Wait	20	Min
Demand	150.0	Unit / Day

A0030 **Registration**

PT	8	Min
LT	10	Min
Demand	150.0	Unit / Day
Stations	3	Stn
C&A	98	%

A0040 **Waiting Room**

Wait	15	Min
Demand	150.0	Unit / Day

A0050 **Triage**

PT	25	Min
LT	30	Min
Demand	150.0	Unit / Day

A0110 **Decision**

Demand	150.0	Unit / Day

Admiss.

Flow %	80	%

Treatment

Flow %	20	%

A0060 **Admission Wait**

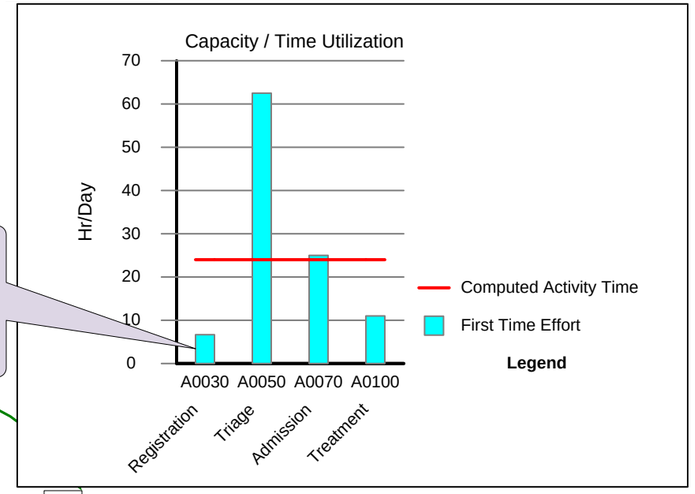
Wait	40	Min
Demand	120.0	Unit / Day

A0070 **Admission**

PT	25	Min
LT	35	Min
Demand	120.0	Unit / Day
Stations	2	Stn

A0080

Demand	120.0	Unit / Day
Demand %	80.00	%



The capacity chart shows that Registration has excess capacity

The 3 stations for Registration is creating excess capacity

A0090 **Fast Track Wait**

Wait	10	Min
Demand	30.0	Unit / Day

A0100 **Treatment**

PT	22	Min
LT	22	Min
Demand	30.0	Unit / Day
C&A	99	%

A0120

Demand	30.0	Unit / Day
Demand %	20.00	%

Capacity

Units	Day	Wk	Year
	24	5	52
	Hr	Day	Wk

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