Simulation WITHOUT Screening

```
Carcinogenic          Cancer
processes             progresses
    |                     |
    v                     v
Person is born --> Onset of cancer --> Cancer is detected --> Death due to
                                       due to symptoms          disease
```
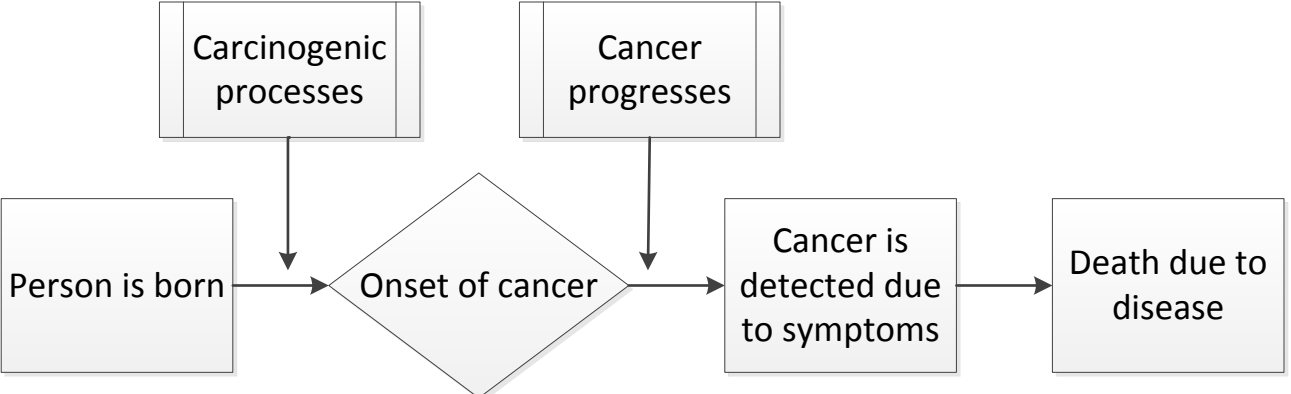
Simulation WITH Screening

```
Carcinogenic          Cancer
processes             progresses
    |                     |
    v                     v
Person is born --> Onset of cancer
                          |
                          v
```

Effects of Screening

```
Cancer is detected       Cancer is        Death due to        Death due to
in an earlier state      detected         disease             causes other than
due to screening <-->    earlier          prevented, life     cancer
                                           extended
```