

Can the retinal screening interval be safely increased to 2 years for patients with type 2 diabetes without retinopathy?

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The Problem

Diabetic Retinopathy

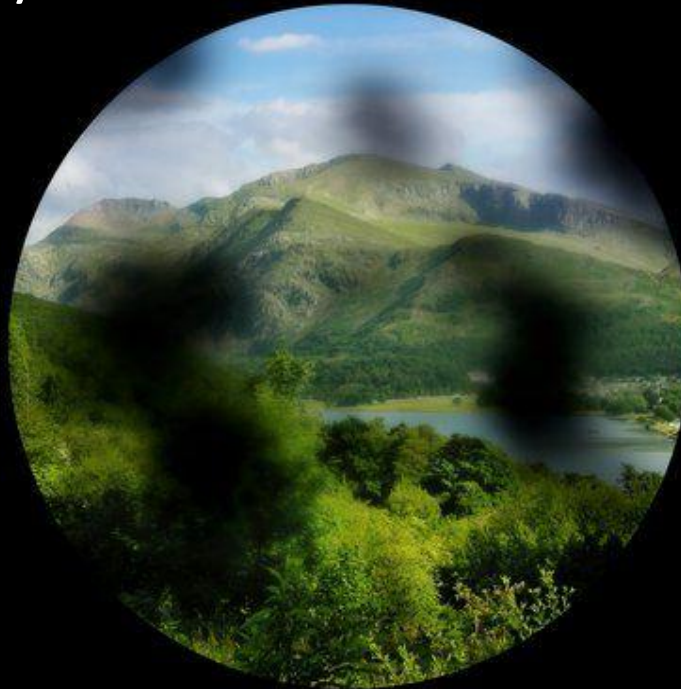
Diabetes

Often Slow

Vision Loss

Treatment

Screening



61% increase in diabetes
forecast Diabetes UK (2010)

**INSUFFICIENT
RESOURCES**

Is current screening
excessive?

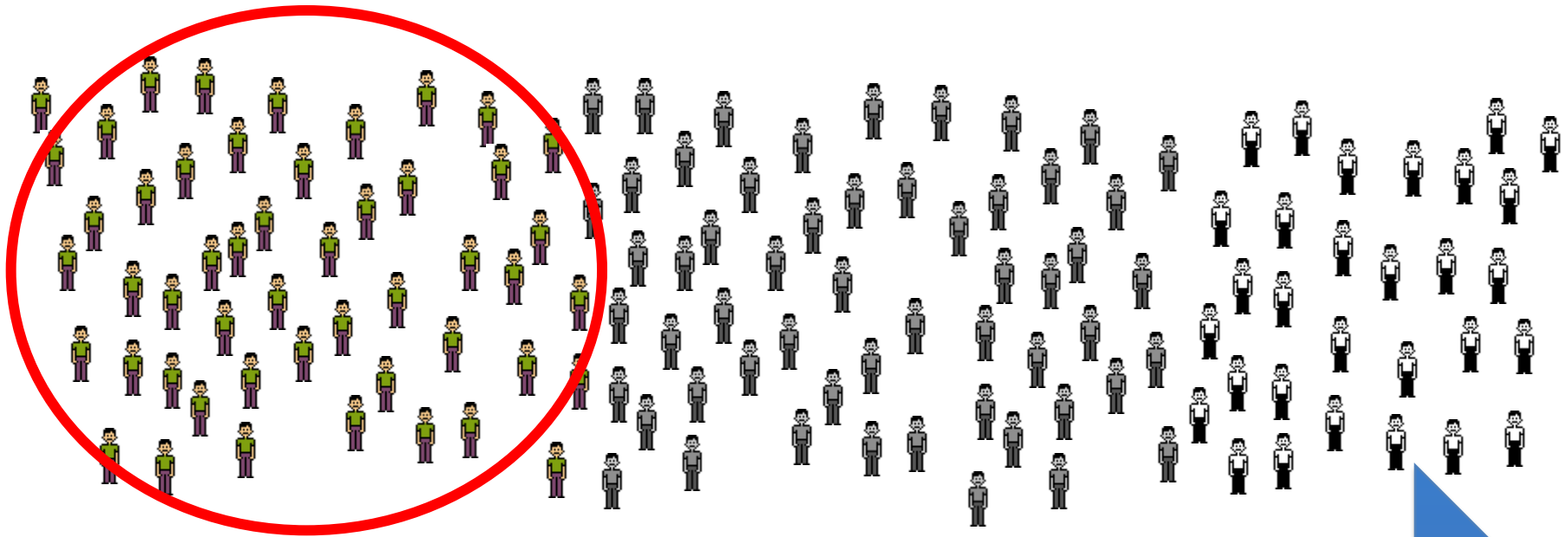
SCIENCEphotOLIBRARY

The Real World Proposal

Screen Every 2 Years

Screen Annually

Screen 3-6 months



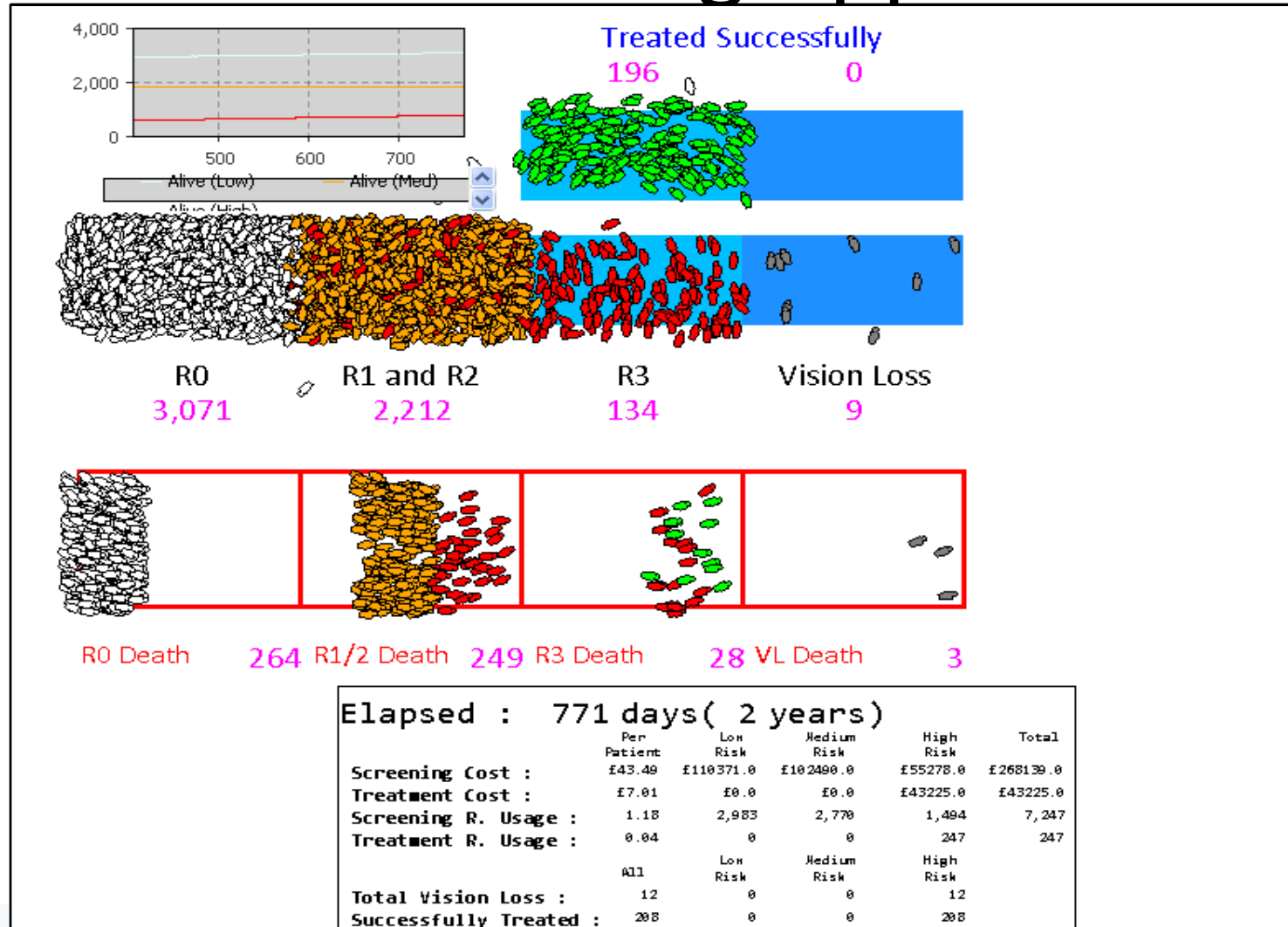
No
Retinopathy

Background
Retinopathy

Proliferative
Retinopathy

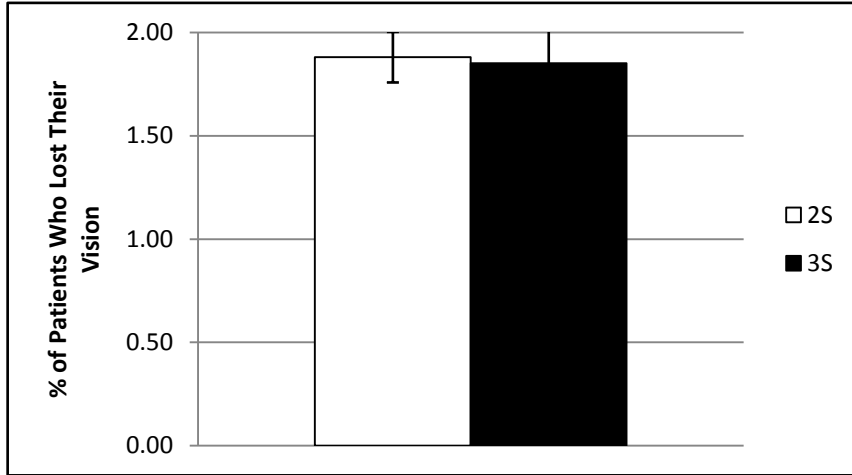
Vision
Loss

The Modelling Approach

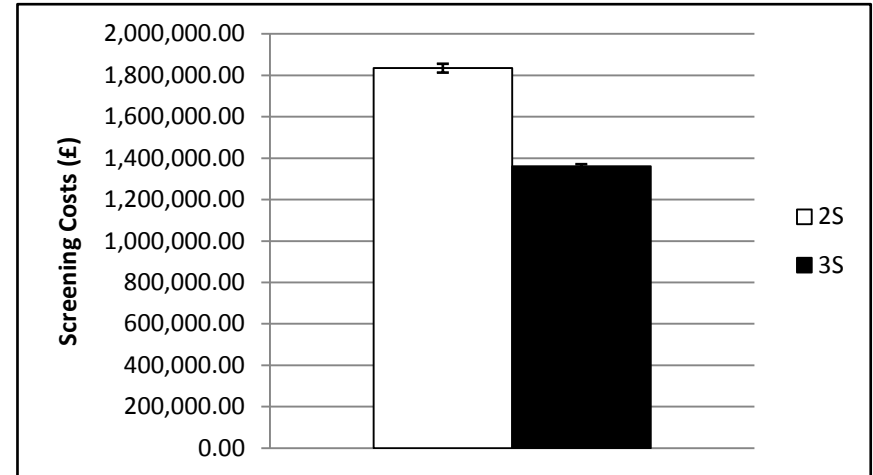


PenCHORD

The Results



No impact on Vision Loss



25% Cost Saving

WHY?

- Slow progression for low risk type 2 patients
- Will catch it quick enough for treatment