**Idea of Animation 1**

* MP does outline for risk factors to % for an individual (weigths, scales)

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| ***Voice*** | ***Images*** |
| How can we predict a survival range for a hospital each year? | draw hospital |
| Well, we don’t look at the hospital.  Instead we look at the cases the hospital handles during the year. | draw arrivals at hospital |
| The NHS has collected 30 day survival data over many years, recording different risk factors such as age, weight, difficulty of the proposed surgery, and complicating conditions | data arrives on clipboard |
| The PRAIS formula weighs up these risk factors for each case and calculates a chance of survival for each case. | data drops from the clipboard onto a balance, yielding an individual % number. |
| [Warning here? It isn’t sensible to use this percentage chance to guide individual decisions. (What’s the best reason to give here?) ] | Show single individual icon with % |
| To make the numbers easy, Let’s pretend the hospital takes exactly 100 cases in the year. | Show 100 icons and % values |
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Part 2

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| ***Voice*** | ***Images*** |
|  | Grid of 100 kids with their numbers |
| Cannot predict exactly, and very unlikely that they will all survive. A “possible future” is 2 don't survive | [show 2 fading out] |
| giving a 98% survival rate | show dot |
| Given the chances of all these patinetsm Another possibility is 3 don't survive | fade different ones *Must make clear that talking about the same 100 babies* |
| giving 97% | previoius dot fades, new one comes in |
|  | Repeat rapidly showing possible survival rates for the whole group. |
| In 19 out of 20 of these poissible future outcomes, the predicted survival rates lies in the blue interval | draw on interval, show occasional dot outside |
| In 998 out of 1000, lies in this interval. | [al dots lie inside] |
|  | Compare two hospitals, one with more severe patients, showing interval lower. |

**Idea of Animation 2**

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| ***Voice*** | ***Images*** |
| Hark bark to previous of possible futures | review |
| Then one actually occurS | Different style of dot. |
| How do we interpret this | show dot |
| If it lies in the light bue, | *Don’t move* dot. Use different pretend hospital!!!! |
| If in dark blue |  |
| Mention multiple comparisons? |  |
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