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**FIGURE 1.**

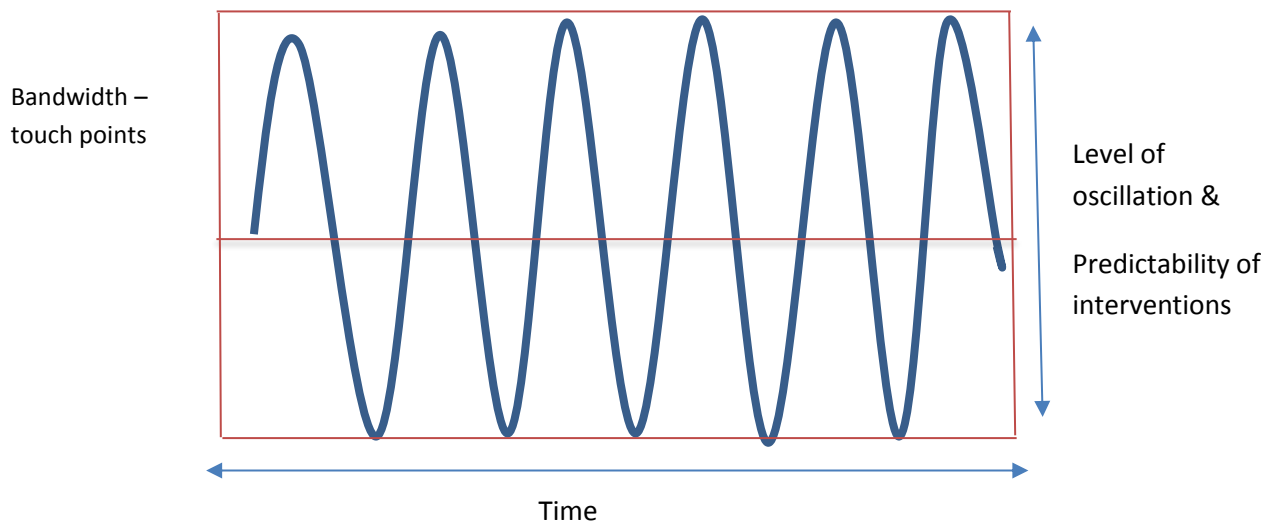
**Use of Hooke's Law for the concept of Bandwidths thinking**

The greater the strain put on the spring the tighter the coils

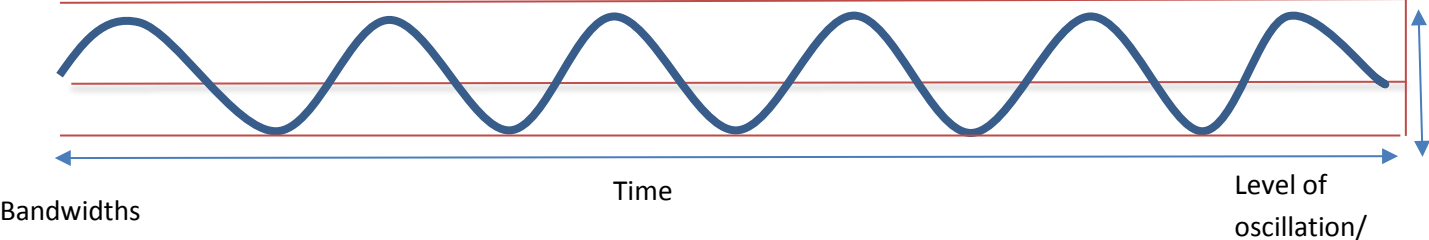


For bandwidths and oscillations the spring is turned on its side

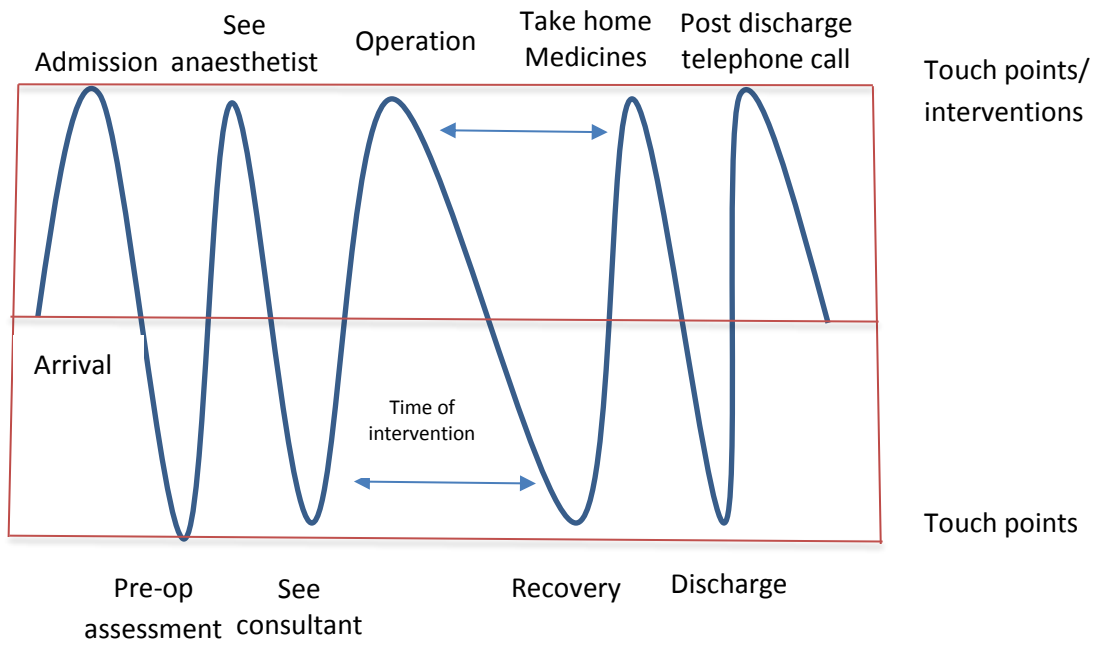
**FIGURE 2. An example of a highly standardised and stable pathway**



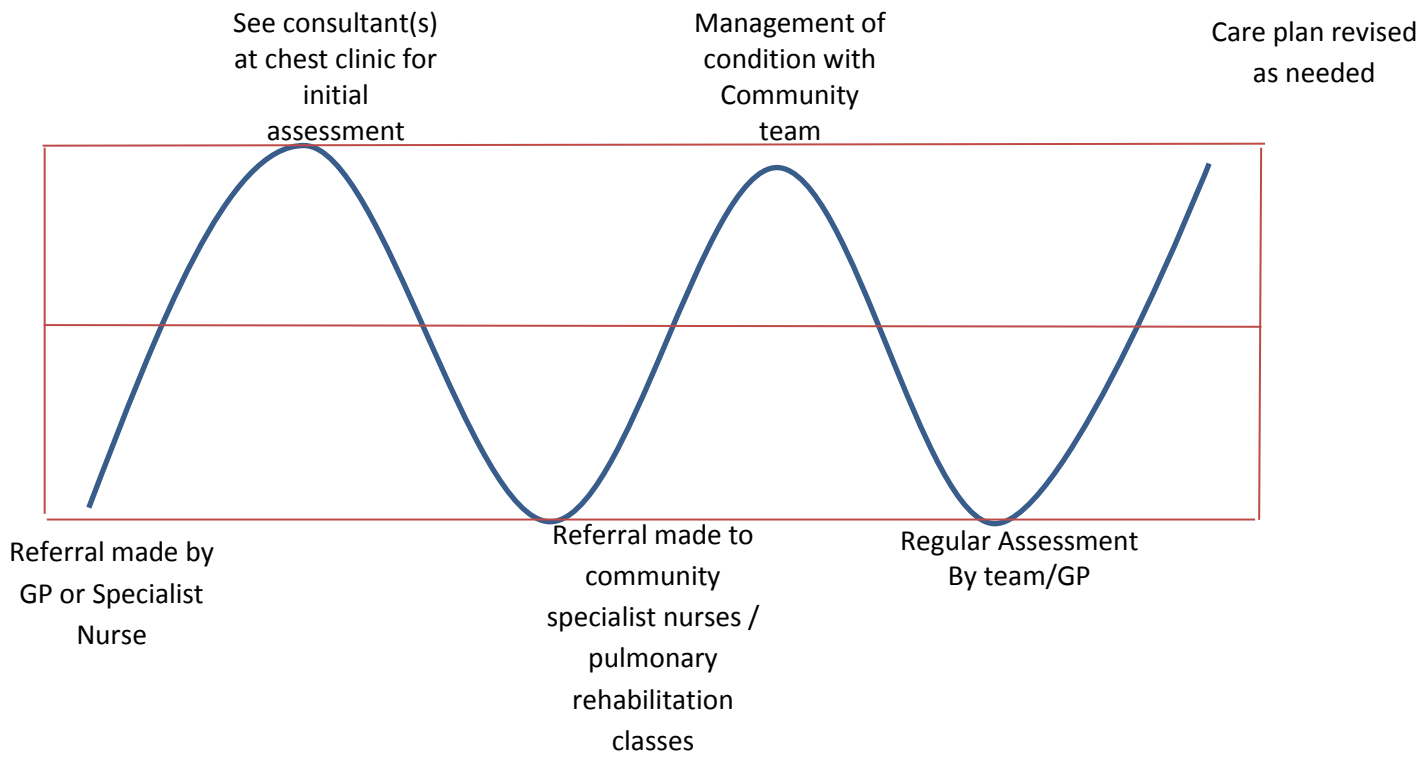
**FIGURE 3. An example of a pathway with less standardisation and certainty**



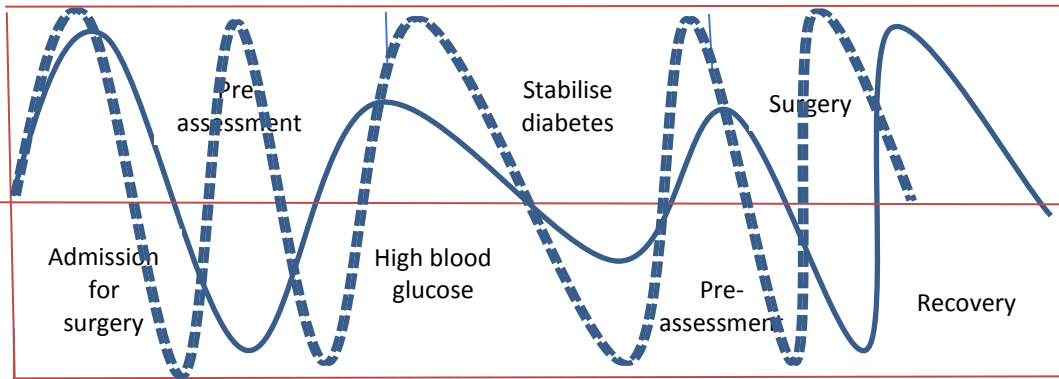
**FIGURE 4. Expected Bandwidth for Elective day-case surgery patient**



**FIGURE 5. Typical bandwidth for management of COPD**



**FIGURE 6. Bandwidth illustrating unexpected delays and interventions due to a patient crossing pathways**



Key: — Example of bandwidth map for combined pathway for patient having day surgery with a long-term condition (Diabetes)  
- - - Example of bandwidth map for expected pathway for patient having day surgery