one or two sentences to ensure the reader has grasped the salient point. Diagrams are illustrative and without too much detail. The use of analogies to relate everyday actions and experiences to those of flight are helpful.

An entire chapter is given over to turbulence and weather that for many anxious fliers causes great distress. Many of the scenarios that are expanded on are extremely rare. Even for the experienced flier it is helpful to know Captain Allright’s diversion ratings, which are given out of 10, for such conditions as ice and thunderstorms through to a plane being hit by lightning. None scores more than 3/10.

For many, despite the theory, how to master their fear is what is more important. Patricia Furness-Smith explains phobias and why they manifest. She likens the medical term phobia to an imp and uses this analogy to link an image that the reader can easily identify with. This use of analogy is developed further when she describes the lower brain, the limbic system, and the neocortex. The amygdala is likened to ‘The General’ and the autonomic nervous system.

Throughout the book there are short case histories further allowing the reader to identify with stressful situations that occur when having to take a flight. Panic attacks and the resulting emotional and physical symptoms are listed in detail to enable the reader to use the ‘toolbox’ of techniques that are categorised using the letter ‘R’. These are React, Regulate, Relax, and Rehearse.

The final sections of the book cover the ‘how to’. There are detailed techniques that use cognitive behavioural therapy and breathing as the main methods of reducing stress and panic. Guided visualisation and positive thought are further techniques used to induce relaxation before the reader takes an imaginary trip that leaves home, encompasses check-in and boarding, the in-flight experience, and finally landing. This trip is interwoven with the exercises that previously the reader had practised.

This book is a useful adjuvant, that I, as a GP, could recommend to the phobic or fearful flier alongside the possible prescription for an anxiolytic. Explanations and practical techniques aim to give the anxious flier control over their destiny and to reclaim part of their lost life.

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He describes the formation of our solar system; how the 24-hour day/night cycle has led to the evolution of molecular body clocks in many species; how climatic changes 2 billion years ago set the stage for the evolution of multicellular animals; the role of continental drift in the history of our planet; and much, much more.

Throughout, Shubin’s writing remains light and engaging, and the narrative is filled with thumbnail sketches of great and lesser-known scientists, as well as tales from Shubin’s own palaeontological adventures in the field. Although I felt that the ‘universe within’ conceit is a bit overstretched, this is a wonderfully broad-ranging, mind-expanding book. Read it, and you will better appreciate how intimately your existence is tied to the deep history of our universe.

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