FUNCTIONS OF THE CERVICAL SPINE

that are combinations of the movements mentioned above. to bend sideways. In addition the head can adopt many positions degrees from one side to the other, to look up and down, and of flexible joints which allow the head to turn almost 180 and mouth. Together the vertebrae, discs and head form a series which contains our computer system, the brain, and the important sensors associated with it such as the eyes, ears, nose On top of this complex of bones and washers rests the heac

and to provide a protected passageway for the bundle of nerves spine. that extends from the brain to the sacrum, the tail end of the in fine degrees in order to assist the working of the sensors; head, allow it to move in many directions and adjust its position The main functions of the cervical spine are to support the

stresses and strains. surrounded and protected by other structures, it is also more movement of the neck exposes it to an equally wide range of is also the cause of many of our problems. The wide range of vulnerable than the rest of the spine when subjected to strains. structure of the joints, in particular those between the ribcage and pelvis. On the other hand, because the neck is not than the rest of the spine where movements are restricted by increased because in this area no bony structures are attached uppermost vertebrae and the head. Its flexibility is further The very flexibility, so helpful and necessary for everyday living, to the spine. Thus, the neck can move relatively more freely The neck has a high flexibility due to the specially designed

NATURAL POSTURE

is a small inward curve in the neck just above the shoulder girdle. that concerns us mainly in this book. This is called the cervical lordosis. It is this curve in the spine The side view of the human body (Fig. 2:4) shows that there

chin poking forward. (Fig. 2:5) Now the cervical lordosis is often be seen to carry the head in front of their body with their cervical lordosis. (Fig. 2:4) Due to postural neglect people can above the shoulder girdle, thus forming a small but visible When standing upright the head should be carried directly

> altered in shape and distorted. In this position the joints of the between the upper part of the neck and the head are bent lower neck are relatively bent forwards or flexed, whereas those problems may develop. posture (Fig. 2:5) and, if present often and long enough, neck backwards or extended. This is called the protruded head

good posture. Side view of human body with

Bad posture Fig. 2:5





