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(57) Abstract :

Present invention discloses a supportive device managing back pain during labour condition, and method thereof. The device includes at least one belt with one or more support segments integrated with at least one sensor and coupled to at least one mobile device. The device provides consistent and continuous therapy to the lumbar sacral region of the user to manage back pain during labour condition. The belt provides support to lower back of the user helping to maintain proper spinal alignment. The sensor monitors pain intensity and posture of the user to provide feedback about the positioning. The support segments include a lumbar sacral segment attachable to lumbosacral region of the user configured to apply force against the lumbosacral region of the user to manage back pain. The support segments include an abdominal segment configured to provide support to the abdominal region of the user during back pain.

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