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eCTG: an automatic procedure to extract digital cardiocardiographic signals from digital images

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**Highlights**

- Cardiotocography (CTG) typically provides paper reports.
- Digital CTG images are possibly obtained by scanning paper reports.
- This paper proposes eCTG procedure to extract digital CTG signals from images.
- eCTG was validated by using the CTU-UHB Intrapartum CTG Database by Physionet.
- eCTG accurately extracts digital CTG signals from digital CTG images.

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