

The Sickle Cell Pain Action Plan: A low-literacy, pictographic tool to enhance self-management and guideline concordance

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Sickle Cell_Letter to Editor_PTR_28FEB.docx available at <https://authorea.com/users/463037/articles/558254-the-sickle-cell-pain-action-plan-a-low-literacy-pictographic-tool-to-enhance-self-management-and-guideline-concordance>

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Table 1_Sickle Cell Pain.docx available at <https://authorea.com/users/463037/articles/558254-the-sickle-cell-pain-action-plan-a-low-literacy-pictographic-tool-to-enhance-self-management-and-guideline-concordance>

The image shows a screenshot of a digital form titled "My Sickle Cell Pain Action Plan". The form is divided into several color-coded sections: Green (Prevention), Yellow (Breakthrough), Red (Uncontrolled), and Blue (Emergency). Each section contains pictographs and text instructions. Callout boxes with arrows point to various features of the form:

- Formally Endorsed by the Sickle Cell Disease Association of America**: Points to the top left logo.
- Digital capture of relevant patient demographics**: Points to the patient information fields (Name, Date of Birth, etc.).
- Validated clinical symptom pictographs**: Points to the pictographs in the Green and Yellow sections.
- Radio button to toggle between upper and lower body pain symptoms**: Points to a radio button in the Green section.
- Green-Yellow-Red "Stoplight" system**: Points to the color-coded section headers.
- Physician signature locks form**: Points to the bottom signature field.
- Automatic Body Surface Area calculator**: Points to the BSA field in the patient demographics.
- Close-looped communication: Medical Team Contact, Automatically populates throughout the form after single entry (See Gold Stars)**: Points to the "Medical Team Contact" field.
- Free-text for additional instructions (e.g. nonpharmacotherapy options like meditation)**: Points to the "Special instructions" field.
- Breakthrough options for multimodal responses to symptoms at home**: Points to the "Breakthrough" section.
- Free-text for patient personalized protocol**: Points to the "Uncontrolled" section.
- Summary video for Patients/Caregivers**: Points to a QR code at the bottom right.