

# SystemOne template for the management of a feverish child aged under six years

**Feverish Child Face to Face**

Feverish Child

**Feverish Child**

Patient Colour

Responds normally  Not responding normally to social cues  No response to social cues

Content / Smile  Wakes only with prolonged stimulation  Does not wake or does not stay a...

Awake or awakens quickly  Crying normally  Weak, high pitched or continuous cry

Nasal flaring  Grunting respiration  Respiratory crackles  Moderate or severe chest in...

**Patient Colour**

Date	Selection	...
19 Dec 2013	O/E - colour normal (2271.)	...

The NICE traffic light system in CG160 'feverish child', on which the SAM desktop is based, is a tool for "for identifying risk of serious illness". It would therefore be perfectly reasonable to use this in an apyrexial child in whom you suspected sepsis.

*This template was developed by Dr Paul Johnson of Cricketfield Practice, Newton Abbot*

1 If you are consulting a feverish child under six, either face to face or remotely, type into your consultation 'fch'. This will automatically launch the Feverish Child Protocol with a series of questions followed by the Feverish Child template. Alternatively, when you have a patient up, go to the search box at the bottom left of the screen and type 'fever'. The first choice is most likely to be the template – click on it.

The screenshot displays a medical software interface with a top menu bar (Patient, Appointments, Reporting, Audit, Setup, Links, Dispensing, Clinical Tools, Workflow, User, System, Help) and a toolbar with icons for Search, Appts, Discard, Save, Details, Task, Notify, Next, Acute, and Note. A patient information box in the top right corner identifies the patient as Miss Lisa Simpson, a test patient, with contact details and location information. The main area shows a patient history with a search box containing 'fch' and a list of entries including vaccinations, consultations, and referrals. A search box at the bottom left contains the text 'fever'. A red line connects the 'fever' search box to the 'fch' search box in the history section.

Miss Lisa Simpson-TestPatient 28 Sep  
742 Evergreen Terrace, School Road, K  
Abbot TQ12 5DJ  
Mobile (preferred): 07933 126369 Home  
Test Patient, Kingskerswell Health Cent

Enter values into the EQUIPMENT LOAN template

Administrative

History: fch

Examination

Diagnosis

Intervention: No interventions recorded

Plan

New Section Merge Delete

Default

Thu 09 Oct 2014 16:49 - Ipplepen Health Centre, Surgery: Eileen Grigg (Admin/Clinical Support Access Role)  
EEG  
P: Seasonal influenza vaccination (XaZ0d)

Mon 13 Oct 2014 12:15 - Kingskerswell Health Centre, Surgery: Sonia Cartwright (Admin/Clinical Support Access Role)  
SJC  
H: FLUENZ nasal suspension 0.2mL (n47D.)  
Fluenz Tetra (AstraZeneca UK Ltd) 1 0.2ml  
Vaccination Consent: INFLUENZA

Wed 29 Oct 2014 14:42 - Kingskerswell Health Centre, Surgery: Sonia Cartwright (Admin/Clinical Support Access Role)  
SJC  
E: Review of admission avoidance care plan (XabFo)

Thu 30 Oct 2014 16:23 - Kingskerswell Health Centre, Surgery: Mrs Rebecca A George (Nurse Access Role)  
B George  
Referral to palliative care service (XaAex)

Thu 30 Oct 2014 16:24 - Special Note - Mrs Rebecca A George @ Kingskerswell and Ipplepen Health Centres (NHS South Devon and Torbay CCG)  
B George  
Referral to palliative care service

Thu 30 Oct 2014 16:24 - Kingskerswell Health Centre, Surgery: Mrs Rebecca A George (Nurse Access Role)  
B George  
Referral to palliative care service (XaAex)

Mon 03 Nov 2014 08:57 - Surgery: Jackie Markham (Healthcare Assistant)  
Markham  
FP10: Printed On Mon 03 Nov 2014 08:58 By Jackie Markham

Mon 03 Nov 2014 12:07 - Kingskerswell Health Centre, Surgery: Sonia Cartwright (Admin/Clinical Support Access Role)  
SJC  
Proactive Case Managed Patients - DES  
Advance Plan

Mon 03 Nov 2014 17:10 - Surgery: Nurse Sarah Hall (Nurse Access Role)  
Hall  
Nurse Independent Prescriber FP10: Printed On Mon 03 Nov 2014 17:11 By Nurse Sarah Hall

Tue 04 Nov 2014 14:20 - Kingskerswell Health Centre, Surgery: Sonia Cartwright (Admin/Clinical Support Access Role)  
SJC  
H: fch

204 Journal Entries (0 Selected)

fever

0 16 0 13 29 45 0 0 0 0 14 0 1 21 0 4 5 16 Changed

2 That should bring up the Feverish Child template, with a series of tick-boxes that run through the NICE guideline criteria for categorising a child's clinical condition as either: Green, Amber or Red. Some boxes are a one-click tick...

**Feverish Child Face to Face**

Feverish Child

**Feverish Child**

Patient Colour

---

Responds normally to social cues  Not responding normally to social cues  No response to social cues

Content / Smiles

Awake or awakens quickly  Wakes only with prolonged stimulation  Does not wake or does not stay a...

Crying normally  Weak, high pitched or continuous cry

---

Nasal flaring  Grunting respiration  Respiratory crackles  Moderate or severe chest in...

Respiratory rate  breaths/... Blood oxygen saturation  %

---

Skin turgor  Mucous membrane dryness  Poor feeding in infant

Pulse rate  bpm Capillary refill time  Sec...

Urine output

---

O/E - tympanic temper...  C Fever for 5 or more days  Rigors

Non-blanching rash  Meningism present  Bulging fontanelle

Status epilepticus  Focal seizure  Focal neurological signs

Limb or joint swelling  Non-weight-bearing limb

---

**Patient Colour**

Date ▾ Selection ...

19 Dec 2013 O/E - colour normal (2271.)

Show recordings from other templates

Show empty recordings

Event Details Information Print Suspend Ok Cancel

SystemOne GP: Dr Tom Morris at The Cricketfield Surgery - Patient Record

start SystemOne GP: Dr To... Feverish Child Protocol SepsisTemplate2 - Mi... 19:30

### 3 Others have drop-down boxes...

The screenshot shows a medical software window titled "Feverish Child Face to Face". The main area is a form for recording patient observations. A dropdown menu is open over the "Patient Colour" field, showing options: "O/E - colour normal (2271.)", "[D] Pallor (R0260)", "O/E - colour pale (2272.)", "Cyanosis (XM07N)", and "Mottling of skin (XaYQI)".

**Feverish Child**

Patient Colour:

Responds normally  Not responding normally to social cues  No response to social cues

Content / Smiles  O/E - colour normal (2271.)  
[D] Pallor (R0260)  
O/E - colour pale (2272.)  
Cyanosis (XM07N)  
Mottling of skin (XaYQI)

Awake or awakens quickly  Wakes only with prolonged stimulation  Does not wake or does not stay a...

Crying normally  Weak, high pitched or continuous cry

Nasal flaring  Grunting respiration  Respiratory crackles  Moderate or severe chest in...

Respiratory rate  breaths/... Blood oxygen saturation  %

Skin turgor  Mucous membrane dryness  Poor feeding in infant

Pulse rate  bpm Capillary refill time  Sec...

Urine output

O/E - tympanic temper...  C Fever for 5 or more days  Rigors

Non-blanching rash  Meningism present  Bulging fontanelle

Status epilepticus  Focal seizure  Focal neurological signs

Limb or joint swelling  Non-weight-bearing limb

**Patient Colour**

Date ▼ Selection ...  
19 Dec 2013 O/E - colour normal (2271.)

Show recordings from other templates  
 Show empty recordings

Event Details Information Print Suspend Ok Cancel

15 SystemOne GP: Dr To... Feverish Child Protocol SepsisTemplate2 - Mi... 19:32

4 And there are further boxes for entering numerical values.

The screenshot shows a medical software window titled "Feverish Child Face to Face". The main area is a form for recording patient symptoms and vital signs. The form is organized into several sections:

- Patient Colour:** A dropdown menu showing "O/E - c..." and a pencil icon for editing.
- Behavioral/Response:** A series of checkboxes and text labels: "Responds normally to social cues" (checked), "Not responding normally to social cues" (checked), "No response to social cues" (unchecked), "Content / Smiles" (checked), "Awake or awakens quickly" (unchecked), "Wakes only with prolonged stimulation" (checked), "Does not wake or does not stay a..." (unchecked), "Crying normally" (checked), "Weak, high pitched or continuous cry" (unchecked).
- Respiratory:** "Nasal flaring" (unchecked), "Grunting respiration" (unchecked), "Respiratory crackles" (unchecked), "Moderate or severe chest in..." (unchecked), "Respiratory rate" (input: 50 breaths/...), "Blood oxygen saturation" (input: 96 %).
- Vital Signs:** "Skin turgor" (dropdown: Skin turg...), "Mucous membrane dryness" (unchecked), "Poor feeding in infant" (unchecked), "Pulse rate" (input: 160 bpm), "Capillary refill time" (input: < 3 Sec...), "Urine output" (dropdown: Oliguria (1AC1)).
- Temperature and Other Symptoms:** "O/E - tympanic temper..." (input: 38 C), "Fever for 5 or more days" (unchecked), "Rigors" (unchecked), "Non-blanching rash" (unchecked), "Meningism present" (unchecked), "Bulging fontanelle" (unchecked), "Status epilepticus" (unchecked), "Focal seizure" (unchecked), "Focal neurological signs" (unchecked), "Limb or joint swelling" (unchecked), "Non-weight-bearing limb" (unchecked).

At the bottom of the form are buttons for "Event Details", "Information", "Print", "Suspend", "Ok", and "Cancel".

On the right side, there is a "Patient Colour" panel with a "Date" dropdown (19 Dec 2013) and a "Selection" dropdown (O/E - colour normal (2271.)). Below this is a large yellow area for notes or recordings. At the bottom of this panel are checkboxes for "Show recordings from other templates" (checked) and "Show empty recordings" (unchecked).

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 19:36.

5 Once all of the clinical criteria have been entered, the OK button leads to a screen with the traffic-light score and appropriate recommendations.

The screenshot shows a software interface for a General Practitioner (GP). The main window is titled "GP Documents" and has several tabs: "Form Templates", "Consultation Templates", "Clinical Tools", "Common Problems", and "Mel's Tab". The "Consultation Templates" tab is active, displaying a list of templates such as "Baby Check", "Contraception", "Minor Surgery", "Palliative Care", "Falls", "Depression", "Child Health", "Med 3", and "Feverish Child".

A "Protocol" dialog box is overlaid on the "Feverish Child" template. The dialog box contains the following text:

This child is **GREEN** on the Traffic Light System

NICE recommendations are:

Child can be cared for at home with appropriate advice for parents and carers, including advice on when to seek further attention from the healthcare services

At the bottom of the dialog box is an "Ok" button.

In the background, the "Feverish Child" template is visible, showing the title "Launch Feverish Child" and the text "Launch the Feverish Child protocol". Below this, it displays "TMorris on 13 Jan 2014" and "Green traff light - low risk serious illn (Fever illn child) (XaNSo)".

At the bottom of the main window, there are buttons for "Event Details", "Information", "Print", "Suspend", "Ok", and "Cancel".

The Windows taskbar at the bottom shows the "start" button, several application icons, and the system tray with the time "19:37".

6 A list of the clinical findings and measurements is automatically entered into the patient notes.

The screenshot displays a medical software interface for a patient named Mickey Mouse, born 16 May 2012 (1 y 7 m) M. The patient's address is Mouse Hole, 5, Cricketfield Road, Newton Abbot, TQ12 2AS. Home (preferred) phone: 01626 208040, Mobile: 07766 141905. The patient is a test patient for DAY LEWIS.

The interface includes a menu bar (Patient, Appointments, Reporting, Audit, Setup, Links, Clinical Tools, Workflow, User, System, Help) and a toolbar with icons for Search, Task, Discard, Save, Record, Details, Next, Acute, Appts, and Note. Below the toolbar are buttons for Start Consultation, Next Event, Event Details, Pathology, Drawing, Auto-Consultation, and Settings. A status bar at the bottom shows various counts: 20, 74, 0, 0, 74, 155, 46, 13, 0, 0, 0, 2, 0, 0, 3, 1, 45, 45, 8, and a 'Changing' indicator.

The main window is titled 'New Journal' and contains a list of clinical findings on the left and a detailed journal entry on the right. The clinical findings list includes:

- Housebound (13UA.J) (1)
- Leg ulcer (X75u4) (1)
- Essential hypertension (XE0Uc) (3)
- Minor Active Problems (11)
- Inactive Problems
- Summary & Family History (6)
- Quick Glance
- New Journal
- Read Code Journal (46)
- Tabbed Journal
- Appointments, Visits & Tasks
- Groups & Relationships (1)
- Sensitivities & Allergies
- Vaccinations (22)
- Cricketfield Templates
- GoF Templates
- Communications & Letters (22)
- Referrals
- Record Attachments
- Medical Drawings
- Reminders (1)
- Recalls (3)
- Pathology & Radiology
- Numeric Results
- QOF Timeline
- QOF Alerts & Analysis

The journal entry text is as follows:

O/E - tympanic temperature: 38 C  
Blood oxygen saturation: 96 %  
Pulse rate: 160 bpm  
Respiratory rate: 50 breaths/min Some subcostal recession  
Capillary refill time: <3 Seconds Good peripheral perfusion  
Patient Colour: O/E - colour normal (2271.)  
Responds normally to social cues: Yes  
Not responding normally to social cues: Yes  
Content / Smiles: Yes  
Wakes only with prolonged stimulation: Yes  
Crying normally: Yes  
Skin turgor: Skin turgor normal (Xa6mb)  
Urine output: Oliguria (1AC1.)

**GP Documents**

**Consultation Templates**

- Green traff light - low risk serious illn (Fever illn child) (XaNSo)
- Green traff light - low risk serious illn (Fever illn child) (XaNSo)

O/E - tympanic temperature (Xa1AQ) 38 C  
Blood oxygen saturation (X7708) 96 %  
Pulse rate (X773s) 160 bpm  
Respiratory rate (X774f) 50 breaths/min - Some subcostal recession  
Capillary refill time (XSFup) < 3 Seconds - Good peripheral perfusion  
O/E - colour normal (2271.)  
Consciousness unimpaired (X769Y)  
Clouded consciousness (X769Z)  
Smiles (Ua1jw)  
Keeps falling asleep (X769V)  
Crying (Xa9zv)  
Skin turgor normal (Xa6mb)  
Oliguria (1AC1.)

148 Journal Entries (0 Selected)

7 If the score is "Amber", then the NICE recommendations are displayed with an option to advise the parent and supply written safety-net information, with or without arranging follow-up.

The screenshot shows a software interface for GP Documents. The main window is titled "Consultation Templates" and lists various medical categories with corresponding icons and buttons: Baby Check, Contraception, Minor Surgery, Palliative Care, Falls, Depression, Child Health, Med 3, and Feverish Child. A "Launch Feverish Child" button is highlighted. A "Protocol Question" dialog box is overlaid on the main window, containing the following text:

**Protocol Question**

This child is **AMBER** on the Traffic Light System

NICE recommendations are:

Provide parents or carers with a 'safety net' or refer to specialist paediatric care for further assessment.

The safety net should be 1 or more of:

- providing the parent or carer with verbal and/or written information on warning symptoms and how further healthcare can be accessed
- arranging further follow-up at a specified time and place
- liaising with other healthcare professionals, including out-of-hours providers, to ensure direct access for the child if further assessment is required.

Would you like to safety net or refer to the paediatricians?

Buttons:

At the bottom of the dialog box, there are buttons for "Event Details", "Information", "Print", "Suspend", "Ok", and "Cancel".

In the background, the "Launch Feverish Child" dialog box is partially visible, with the text "Launch the Feverish Child protocol".

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 07:43.



8 The safety net: Various preset options can be selected or additional information free-texted on this page.

The screenshot displays a medical software interface with a 'GP Documents' window. The 'Consultation Templates' section is active, showing a list of templates on the left and a 'Launch Feverish Child' panel on the right. A 'Safety Netting' dialog box is open in the foreground, allowing for the selection of preset options and free-text entry.

**Consultation Templates**

- Baby Check
- Contraception
- Minor Surgery
- Palliative Care
- Falls
- Depression
- Child Health
- Med 3
- Feverish Child

**Safety Netting Dialog Box**

Other Details... Exact date & time Tue 14 Jan 2014 07:35

Changing the consultation date will affect all other data entered. To avoid this, cancel and press the 'Next' button [Hide Warning](#)

**Safety Netting**

Advice to carer regarding child's minor illnesses

- Verbal information on warning symptoms provided
- Out of hours contact details provided
- Written information on warning symptoms provided
- Follow-up arranged
- Liaised with other healthcare professionals

**Advice to carer regarding child's minor illnesses**

Date	Selection
No previous values	

Show recordings from other templates  
 Show empty recordings

Buttons: Information, Print, Suspend, Ok, Cancel

9 The "Red" traffic light suggests urgent paediatric referral. Once "Yes" has been selected, the clinical details are transferred to a pre-formatted referral letter which also includes significant past medical history, medication and allergies.

The screenshot displays a medical software interface with a 'GP Documents' window. The main area is titled 'Consultation Templates' and lists various medical categories with corresponding icons and buttons, including 'Baby Check', 'Contraception', 'Minor Surgery', 'Palliative Care', 'Falls', 'Depression', 'Child Health', 'Med 3', and 'Feverish Child'. A 'Protocol Question' dialog box is overlaid on the 'Feverish Child' template. The dialog box contains the following text: 'This child is **RED** on the Traffic Light System', 'NICE recommendations are:', 'Refer **URGENTLY** to the paediatricians', and 'Do you want to refer to the paediatricians?'. At the bottom of the dialog box are 'Yes' and 'No' buttons. In the background, the 'Feverish Child' template is visible, showing a list of clinical notes and a 'Launch Feverish Child' button. The Windows taskbar at the bottom shows the 'start' button, several open applications, and the system clock at 07:51.

GP Documents

Form Templates Consultation Templates Clinical Tools Common Problems Mel's Tab

### Consultation Templates

Baby Check Baby Check

Contraception Contraception

Minor Surgery Minor Surgery

Palliative Care Palliative Care

Falls Falls Asses...

Depression Depression ...

Child Health Health Visit...

Med 3 medical cert...

Feverish Child Launch Fev...

#### Protocol Question

This child is **RED** on the Traffic Light System

NICE recommendations are:

Refer **URGENTLY** to the paediatricians

Do you want to refer to the paediatricians?

#### Launch Feverish Child

*Launch the Feverish Child protocol*

TMorris on 14 Jan 2014  
Amber traff light - intermed risk serious illn (Fever child) (XaNvY)  
Referral to paediatrician (8H42.)  
Amber traff light - intermed risk serious (Fever child) (XaNvY)  
ber traff light - intermed risk serious (Fever child) (XaNvY)  
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ber traff light - intermed risk serious (Fever child) (XaNvY)  
ber traff light - intermed risk serious (Fever child) (XaNvY)

Show recordings from other templates  
 Show empty recordings

Event Details Information Print Suspend Ok Cancel

start SystemOne GP: Dr To... Feverish Child Protocol SepsisTemplate9 - Mi... 07:51