

Supplementary Table 1. Number of investigators and patients per country

| Country | Investigators (N) | Patients included (N) | Patients analyzed (N) |
|----------------------------------|--------------------------|------------------------------|------------------------------|
| Algeria | 20 | 249 | 248 |
| Argentina | 20 | 240 | 239 |
| Central America and West Indies: | | | |
| Indies: | 16 | 246 | 246 |
| Costa Rica | 3 | 52 | 52 |
| El Salvador | 5 | 58 | 58 |
| Honduras | 2 | 55 | 55 |
| Panama | 4 | 60 | 60 |
| Trinidad and Tobago | 2 | 21 | 21 |
| Egypt | 23 | 254 | 254 |
| Iran | 18 | 243 | 243 |
| Lebanon | 10 | 100 | 100 |
| Mexico | 29 | 295 | 294 |
| Venezuela | 21 | 248 | 245 |
| West Africa: Senegal | 21 | 250 | 248 |
| Total | 178 | 2125 | 2117 |

Supplementary Table 2. Medical history of patients

| | P-value | 3 to 24 months | 2 to 6 years | 6 to 12 years | 12 to 16 years | Total |
|-----------------------------------|---------|----------------|--------------|---------------|----------------|------------|
| | | (N=702) | (N=874) | (N=415) | (N=126) | (N=2117**) |
| Upper respiratory tract infection | 0.0007* | 236(33.6) | 355(40.6) | 139(33.5) | 32(25.4) | 762(36.0) |
| Lower respiratory tract infection | 0.0235* | 82(11.7) | 138(15.8) | 45(10.8) | 13(10.3) | 278(13.1) |
| Dengue | 0.0036† | 2(0.3) | 6(0.7) | 3(0.7) | 5(4) | 16(0.8) |
| Malaria | 0.2034† | 3(0.4) | 3(0.3) | 5(1.2) | 1(0.8) | 12(0.6) |
| Juvenile arthritis | 0.0618† | 0(0) | 1(0.1) | 2(0.5) | 1(0.8) | 4(0.2) |
| Oral cavity pain | 0.5759† | 11(1.6) | 17(1.9) | 11(2.7) | 3(2.4) | 42(2.0) |
| Back pain | 0.1058† | 1(0.1) | 5(0.6) | 3(0.7) | 2(1.6) | 11(0.5) |
| Post-operative pain | 0.0151† | 4(0.6) | 0(0) | 4(1.0) | 1(0.8) | 9(0.4) |
| Tendinitis | 0.0652† | 0(0) | 0(0) | 2(0.5) | 0(0) | 2(0.1) |
| Sporting injuries | 0.0652† | 0(0) | 0(0) | 2(0.5) | 0(0) | 2(0.1) |
| Fractures | 0.0938† | 1(0.1) | 4(0.5) | 3(0.7) | 2(1.6) | 10(0.5) |
| Strains | 0.7261† | 0(0) | 2(0.2) | 0(0) | 0(0) | 2(0.1) |
| Cancer | 0.0120† | 3(0.4) | 8(0.9) | 4(1.0) | 5(4) | 20(0.9) |
| Seizures | 0.9924† | 12(1.7) | 14(1.6) | 6(1.4) | 2(1.6) | 34(1.6) |
| Other | 0.0042* | 103(14.7) | 150(17.2) | 74(17.8) | 35(27.8) | 362(17.1) |

Notes: Values are presented as n (%). * Chi² test; † Fisher test; ** This figure corresponds to the total number of analyzed patients.

Supplementary Table 3. Concomitant diseases in patients (total and percent treated) by age group

| Concomitant Disease | P value | 3 to 24 months (N=702) | 2 to 6 years (N=874) | 6 to 12 years (N=415) | 12 to 16 years (N=126) | Total (N=2117*) |
|-----------------------------------|---------------------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|------------------------|
| Upper respiratory tract infection | Total, p=0.3071 (Chi ²) | 103(14.7) | 153(17.5) | 63(15.2) | 16(12.7) | 335(15.8) |
| | Treated, p=0.1103 (Chi ²) | 53(51.5) | 97(63.4) | 41(65.1) | 12(75.0) | 203(60.6) |
| Lower respiratory tract infection | Total, p=0.7008 (Chi ²) | 39(5.6) | 55(6.3) | 22(5.3) | 5(4) | 121(5.7) |
| | Treated, p=0.1859 (Fisher) | 26(66.7) | 39(70.9) | 10(45.5) | 4(80) | 79(65.3) |
| Other | Total, p=0.1327 (Chi ²) | 83(11.8) | 84(9.6) | 42(10.1) | 20(15.9) | 229(10.8) |
| | Treated, p=0.5590 (Chi ²) | 55(66.3) | 54(64.3) | 23(54.8) | 15(75.0) | 147(64.2) |
| Seizures | Total, p=0.3423 (Fisher) | 12(1.7) | 10(1.1) | 3(0.7) | 0(0) | 25(1.2) |
| | Treated, p=0.6000 (Fisher) | 10(83.3) | 10(100) | 3(100) | 0(0) | 23(92.0) |
| Oral cavity pain | Total, p=0.5076 (Fisher) | 7(1.0) | 6(0.7) | 5(1.2) | 2(1.6) | 20(0.9) |
| | Treated, p=0.0409 (Fisher) | 5(71.4) | 6(100) | 2(40.0) | 0(0) | 13(65.0) |
| Cancer | Total, p=0.0297 (Fisher) | 5(0.7) | 9(1.0) | 0(0) | 3(2.4) | 17(0.8) |

| Concomitant Disease | P value | 3 to 24 months (N=702) | 2 to 6 years (N=874) | 6 to 12 years (N=415) | 12 to 16 years (N=126) | Total (N=2117*) |
|----------------------------|----------------------------|-----------------------------------|---------------------------------|----------------------------------|-----------------------------------|----------------------------|
| | Treated, p=0.3843 (Fisher) | 4(80.0) | 7(77.8) | 0(0) | 1(33.3) | 12(70.6) |
| Malaria | Total, p=0.2532 (Fisher) | 1(0.1) | 3(0.3) | 3(0.7) | 1(0.8) | 8(0.4) |
| | Treated | 0(0) | 3(100) | 3(100) | 1(100) | 7(100) |
| Dengue | Total, p=0.0456 (Fisher) | 1(0.1) | 1(0.1) | 1(0.2) | 2(1.6) | 5(0.2) |
| | Treated, p=0.6000 (Fisher) | 1(100) | 1(100) | 0(0) | 2(100) | 4(80) |
| Fractures | Total, p=0.0504 (Fisher) | 1(0.1) | 0(0) | 3(0.7) | 0(0) | 4(0.2) |
| | Treated, p=0.2500 (Fisher) | 1(100) | 0(0) | 0(0) | 0(0) | 1(25.0) |
| Back pain | Total, p=0.4337 (Fisher) | 1(0.1) | 2(0.2) | 1(0.2) | 1(0.8) | 5(0.2) |
| | Treated, p=1.0000 (Fisher) | 0(0) | 1(50.0) | 1(100) | 1(100) | 3(60.0) |
| Post-operative pain | Total, p=0.0674 (Fisher) | 1(0.1) | 0(0) | 1(0.2) | 1(0.8) | 3(0.1) |
| | Treated | 1(100) | 0(0) | 1(100) | 1(100) | 3(100) |
| Tendinitis | Total, p=0.0245 (Fisher) | 0(0) | 0(0) | 3(0.7) | 0(0) | 3(0.1) |
| | Treated | 0(0) | 0(0) | 3(100) | 0(0) | 3(100) |

| Concomitant Disease | P value | 3 to 24 months (N=702) | 2 to 6 years (N=874) | 6 to 12 years (N=415) | 12 to 16 years (N=126) | Total (N=2117*) |
|----------------------------|--------------------------|-----------------------------------|---------------------------------|----------------------------------|-----------------------------------|----------------------------|
| Juvenile arthritis | Total, p=1.0000 (Fisher) | 1(0.1) | 1(0.1) | 0(0) | 0(0) | 2(0.1) |
| | Treated | 0(0) | 0(0) | 0(0) | 0(0) | 0(0) |
| Sport injuries | Total, p=0.5557 (Fisher) | 0(0) | 1(0.1) | 1(0.2) | 0(0) | 2(0.1) |
| | Treated | 0(0) | 1(100) | 1(100) | 0(0) | 2(100) |
| Strains | Total, p=1.0000 (Fisher) | 0 (0) | 1 (0.1) | 0 (0) | 0 (0) | 1 (0.05) |
| | Treated | 0 (0) | 1 (100) | 0 (0) | 0 (0) | 1 (100) |

Notes: Values are presented as n (%). *Total number of analyzed patients.

Supplementary Table 4. Description of the current episode of fever per age group

| Parameters | 3 to 24 | 6 to 12 | 12 to 16 | Total patients | |
|---|-----------|--------------|-----------|----------------|------------|
| | months | 2 to 6 years | years | years | |
| | (N=668) | (N=784) | (N=322) | (N=82) | (N=1856) |
| <hr/> | | | | | |
| Duration (days; p=0.1405 Kruskal-Wallis) | | | | | |
| Mean (± SD) | 2.1(±2.1) | 2.0(±1.8) | 2.2(±1.9) | 2.1(±1.6) | 2.1(±1.9) |
| <hr/> | | | | | |
| Underlying disease | | | | | |
| RTIs | 474(71.0) | 598(76.3) | 213(66.1) | 49(59.8) | 1334(71.9) |
| <hr/> | | | | | |
| Location of RTI (p=0.1303 Fisher) | | | | | |
| Upper | 360(76.0) | 473(79.1) | 165(77.5) | 34(69.4) | 1032(77.4) |
| Lower | 112(23.6) | 123(20.6) | 47(22.1) | 16(32.7) | 298(22.3) |
| Lower + upper | 0(0) | 1(0.2) | 2(0.9) | 0(0) | 3(0.2) |
| Other | 72(10.8) | 89(11.4) | 52(16.1) | 17(20.7) | 230(12.4) |
| Acute diarrheal disease | 68(10.2) | 54(6.9) | 17(5.3) | 1(1.2) | 140(7.5) |
| Skin and soft tissue infections | 16(2.4) | 16(2.0) | 11(3.4) | 0(0) | 43(2.3) |
| Urinary infection | 16(2.4) | 14(1.8) | 8(2.5) | 1(1.2) | 39(2.1) |
| Malaria | 1(0.1) | 2(0.3) | 13(4.0) | 6(7.3) | 22(1.2) |

| Parameters | 3 to 24 | 6 to 12 | 12 to 16 | Total patients | |
|---|---------|--------------|----------|----------------|----------|
| | months | 2 to 6 years | years | years | |
| | (N=668) | (N=784) | (N=322) | (N=82) | (N=1856) |
| Febrile or hemorrhagic exanthemas | 5(0.7) | 3(0.4) | 6(1.9) | 3(3.7) | 17(0.9) |
| Type of exanthemas (p=0.0302 Fisher) | | | | | |
| Dengue | 0(0) | 1(33.3) | 5(83.3) | 2(66.7) | 8(47.1) |
| Other | 5(100) | 2(66.7) | 1(16.7) | 1(33.3) | 9(52.9) |
| Infection of the central nervous system | 9(1.3) | 3(0.4) | 1(0.3) | 1(1.2) | 14(0.8) |
| RTI and other diseases | 1(0.1) | 0(0) | 1(0.3) | 1(1.2) | 3(0.2) |
| RTI and acute diarrheal disease | 0(0) | 1(0.1) | 0(0) | 0(0) | 1(0.05) |

Notes: Values are presented as n (%), unless otherwise specified.

Abbreviations: RTI, Respiratory tract infection; SD, Standard deviation.

Supplementary Table 5. Current and previous treatment prescribed for fever by age group

| Treatment | 3 to 24 months | | 2 to 6 years | | 6 to 12 years | | 12 to 16 years | |
|---|----------------|-----------|--------------|-----------|---------------|-----------|----------------|----------|
| | Previous | Current | Previous | Current | Previous | Current | Previous | Current |
| | (N=542) | (N=656) | (N=666) | (N=769) | (N=252) | (N=312) | (N=56) | (N=80) |
| Non-pharmacological | | | | | | | | |
| Not applicable ⁺ | 195(36.0) | 142(21.6) | 255(38.3) | 196(25.5) | 88(34.9) | 87(27.9) | 25(44.6) | 26(32.5) |
| Warm water bath | 193(35.6) | 222(33.8) | 232(34.8) | 269(35.0) | 74(29.4) | 109(34.9) | 13(23.2) | 27(33.8) |
| Remove excess clothing and linens ^{#*} | 177(32.7) | 296(45.1) | 171(25.7) | 292(38.0) | 64(25.4) | 98(31.4) | 7(12.5) | 20(25.0) |
| Administrate oral hydration frequently | 130(24) | 329(50.2) | 181(27.2) | 371(48.2) | 58(23.0) | 147(47.1) | 18(32.1) | 41(51.3) |
| Bed rest ^{\$*} | 27(5.0) | 63(9.6) | 70(10.5) | 130(16.9) | 48(19.0) | 82(26.3) | 14(25.0) | 27(33.8) |
| Ventilate room | 44(8.1) | 114(17.4) | 59(8.9) | 132(17.2) | 21(8.3) | 46(14.7) | 7(12.5) | 19(23.8) |
| Other | 29(5.4) | 37(5.6) | 36(5.4) | 32(4.2) | 14(5.6) | 14(4.5) | 4(7.1) | 3(3.8) |

| Treatment | 3 to 24 months | | 2 to 6 years | | 6 to 12 years | | 12 to 16 years | |
|------------------------------|----------------|-----------|--------------|-----------|---------------|-----------|----------------|----------|
| | Previous | Current | Previous | Current | Previous | Current | Previous | Current |
| | (N=542) | (N=656) | (N=666) | (N=769) | (N=252) | (N=312) | (N=56) | (N=80) |
| Pharmacological | | | | | | | | |
| Paracetamol/Acetaminophen\$* | 429(79.2) | 490(74.7) | 443(66.5) | 445(57.9) | 160(63.5) | 181(58.0) | 41(73.2) | 49(61.3) |
| NSAIDs\$* | 150(27.7) | 236(36) | 273(41) | 423(55) | 106(42.1) | 164(52.6) | 15(26.8) | 28(35) |
| Metamizole ⁺ | 14(2.6) | 15(2.3) | 33(5) | 37(4.8) | 12(4.8) | 21(6.7) | 2(3.6) | 4(5) |
| Aspirin | 7(1.3) | 2(0.3) | 5(0.8) | 1(0.1) | 5(2.0) | 4(1.3) | 2(3.6) | 0(0) |

Notes: Values are presented as n (%). * Current treatment intergroup p<0.0001; + Current treatment intergroup p<0.05; \$ Previous treatment intergroup p<0.0001; # Previous treatment intergroup p<0.05.

Abbreviation: NSAIDs, Non-steroidal anti-inflammatory drugs.

Supplementary Table 6. Description of the current episode of pain per age group

| Parameters | 3 to 24 | 2 to 6 | 6 to 12 | 12 to 16 | Total patients |
|--|-----------------|-----------------|----------------|-----------------|-----------------------|
| | months | years | years | years | with pain |
| | (N=106) | (N=292) | (N=218) | (N=89) | (N=705) |
| Duration (days; p=0.0132 Kruskal–Wallis) | | | | | |
| Mean (\pm SD) | 1.7(\pm 1.5) | 2.4(\pm 4.3) | 2.8(\pm 4) | 3.3(\pm 5.4) | 2.5(\pm 4.1) |
| Duration (classes; p=0.0884 Chi ²) | | | | | |
| Less than 24 hours | 22(20.8) | 65(22.3) | 49(22.5) | 15(16.9) | 151(21.4) |
| 24 to 48 hours | 36(34.0) | 100(34.2) | 54(24.8) | 21(23.9) | 211(29.9) |
| More than 48 hours | 48(45.3) | 127(43.5) | 115(52.8) | 52(59.1) | 342(48.6) |
| Type of pain | | | | | |
| Abdominal pain | 18(17.0) | 79(27.1) | 55(25.2) | 19(21.6) | 171(24.3) |
| Otitis | 27(25.5) | 72(24.7) | 27(12.4) | 3(3.4) | 129(18.3) |
| Sore throat | 13(12.3) | 47(16.1) | 44(20.2) | 16(18.2) | 120(17.0) |
| Headache | 5(4.7) | 26(8.9) | 33(15.1) | 13(14.8) | 77(10.9) |
| Musculoskeletal pain | 6(5.7) | 19(6.5) | 30(13.8) | 19(21.6) | 74(10.5) |
| Other | 11(10.4) | 23(7.9) | 9(4.1) | 8(9.1) | 51(7.2) |
| Dental cavity pain | 17(16.0) | 14(4.8) | 4(1.8) | 0(0) | 35(5.0) |
| Minor trauma | 2(1.9) | 7(2.4) | 5(2.3) | 1(1.1) | 15(2.1) |
| Cancer pain (acute episode) | 0(0) | 2(0.7) | 4(1.8) | 2(2.3) | 8(1.1) |
| Chest pain | 2(1.9) | 2(0.7) | 3(1.4) | 0(0) | 7(1.0) |
| Postoperative pain | 2(1.9) | 0(0) | 2(0.9) | 2(2.3) | 6(0.9) |

| | | | | | |
|---|----------|-----------|-----------|----------|-----------|
| Sickle cell disease pain with vaso-occlusive episodes | 0(0) | 0(0) | 2(0.9) | 1(1.1) | 3(0.4) |
| Unknown | 3(2.9) | 0(0) | 0(0) | 0(0) | 3(0.4) |
| Dysmenorrhea | 0(0) | 0(0) | 0(0) | 2(2.3) | 2(0.3) |
| Abdominal pain + sore throat + other | 0(0) | 0(0) | 0(0) | 1(1.1) | 1(0.1) |
| Dental cavity pain + other | 0(0) | 1(0.3) | 0(0) | 0(0) | 1(0.1) |
| Procedures induced pain | 0(0) | 0(0) | 0(0) | 1(1.1) | 1(0.1) |
| Intensity of pain (p=0.6039 Chi ²) | | | | | |
| Mild | 25(23.6) | 87(29.8) | 54(24.8) | 19(21.3) | 185(26.2) |
| Moderate | 65(61.3) | 174(59.6) | 134(61.5) | 57(64.0) | 430(61.0) |
| Severe | 15(14.2) | 31(10.6) | 30(13.8) | 13(14.6) | 89(12.6) |

Notes: Values are presented as n (%), except when specified.

Abbreviation: SD, Standard deviation.

Supplementary Table 7. Instruments or methods used to estimate pain intensity by age group

| Parameters | 3 to 24 months (N=106) | 2 to 6 years (N=292) | 6 to 12 years (N=218) | 12 to 16 years (N=89) | Patients with fever (N=705) |
|---|-----------------------------------|---------------------------------|----------------------------------|------------------------------|------------------------------------|
| Behavioral changes (p<0.0001*) | 73(68.9) | 109(37.3) | 47(21.6) | 9(10.1) | 238(33.8) |
| Verbal rating scale (p<0.0001*) | 5(4.7) | 78(26.7) | 71(32.6) | 29(32.6) | 183(26.0) |
| Not used (p=0.3222*) | 18(17.0) | 63(21.6) | 55(25.2) | 23(25.8) | 159(22.6) |
| Facial expression scales (p=0.0509*) | 19(17.9) | 67(22.9) | 39(17.9) | 9(10.1) | 134(19.0) |
| Physiological signals (p=0.0060*) | 16(15.1) | 18(6.2) | 14(6.4) | 3(3.4) | 51(7.2) |
| Visual analogue scale (p=0.0162 Fisher) | 0(0) | 17(5.8) | 15(6.9) | 6(6.7) | 38(5.4) |
| Numerical rating scale (p<0.0001 Fisher) | 0(0) | 1(0.3) | 10(4.6) | 16(18.0) | 27(3.8) |
| Other (p=0.2127 Fisher) | 2(1.9) | 2(0.7) | 4(1.8) | 3(3.4) | 11(1.6) |

Notes: Values are presented as n (%). Several instruments could be used for each patient.* According to the Chi² test.

Supplementary Table 8. Current and previous treatment prescribed for pain by age group

| Treatment | 3 to 24 months | | 2 to 6 years | | 6 to 12 years | | 12 to 16 years | |
|---|--------------------|-------------------|---------------------|--------------------|---------------------|--------------------|--------------------|-------------------|
| | Previous (N=68) | Current (N=99) | Previous (N=202) | Current (N=270) | Previous (N=144) | Current (N=208) | Previous (N=57) | Current (N=82) |
| Non-pharmacological | | | | | | | | |
| Not applicable | 47(69.1) | 67(67.7) | 141(69.8) | 162(60) | 82(56.9) | 117(56.3) | 33(57.9) | 49(59.8) |
| Bed rest ⁺ | 8(11.8) | 12(12.1) | 44(21.8) | 79(29.3) | 33(22.9) | 63(30.3) | 18(31.6) | 22(26.8) |
| Other | 5(7.4) | 11(11.1) | 12(5.9) | 21(7.8) | 19(13.2) | 27(13.0) | 5(8.8) | 7(8.5) |
| Massages [#] | 7(10.3) | 5(5.1) | 4(2.0) | 10(3.7) | 8(5.6) | 6(2.9) | 3(5.3) | 4(4.9) |
| Heat ⁺ | 0(0) | 0(0) | 5(2.5) | 4(1.5) | 6(4.2) | 9(4.3) | 4(7) | 5(6.1) |
| Cold | 1(1.5) | 5(5.1) | 4(2.0) | 8(3) | 5(3.5) | 11(5.3) | 3(5.3) | 4(4.9) |
| Distraction | 1(1.5) | 6(6.1) | 4(2.0) | 5(1.9) | 1(0.7) | 5(2.4) | 2(3.5) | 1(1.2) |
| Plays ⁺ | 2(2.9) | 6(6.1) | 2(1.0) | 2(0.7) | 2(1.4) | 5(2.4) | 0(0) | 1(1.2) |
| Deep breath/ relaxation [#] | 0(0) | 1(1.0) | 0(0) | 0(0) | 1(0.7) | 3(1.4) | 2(3.5) | 1(1.2) |
| Ultrasound | 0(0) | 0(0) | 1(0.5) | 3(1.1) | 0(0) | 1(0.5) | 0(0) | 1(1.2) |

| Treatment | 3 to 24 months | | 2 to 6 years | | 6 to 12 years | | 12 to 16 years | |
|-------------------------------|--------------------|-------------------|---------------------|--------------------|---------------------|--------------------|--------------------|-------------------|
| | Previous (N=68) | Current (N=99) | Previous (N=202) | Current (N=270) | Previous (N=144) | Current (N=208) | Previous (N=57) | Current (N=82) |
| Pharmacological | | | | | | | | |
| Paracetamol/ Acetaminophen | 43(63.2) | 45(45.5) | 104(51.5) | 89(33.0) | 75(52.1) | 83(39.9) | 31(54.4) | 34(41.5) |
| NSAIDs | 24(35.3) | 49(49.5) | 95(47.0) | 160(59.3) | 58(40.3) | 112(53.8) | 24(42.1) | 43(52.4) |
| Metamizole | 5(7.4) | 6(6.1) | 18(8.9) | 23(8.5) | 7(4.9) | 12(5.8) | 3(5.3) | 4(4.9) |
| Local anesthetics | 4(5.9) | 7(7.1) | 6(3) | 13(4.8) | 2(1.4) | 5(2.4) | 1(1.8) | 2(2.4) |
| Tramadol [#] | 0(0) | 0(0) | 0(0) | 1(0.4) | 4(2.8) | 4(1.9) | 0(0) | 1(1.2) |
| Aspirin | 0(0) | 0(0) | 0(0) | 1(0.4) | 1(0.7) | 3(1.4) | 1(1.8) | 0(0) |
| Codeine ^{+#} | 0(0) | 0(0) | 0(0) | 0(0) | 0(0) | 0(0) | 2(3.5) | 2(2.4) |
| Morphine | 0(0) | 5(5.1) | 1(0.5) | 6(2.2) | 0(0) | 5(2.4) | 1(1.8) | 1(1.2) |
| Anti-depressants | 0(0) | 0(0) | 0(0) | 0(0) | 1(0.7) | 1(0.5) | 0(0) | 0(0) |
| Neuromodulators | - | 2(2.0) | - | 1(0.4) | - | 0(0) | - | 0(0) |

Notes: Values are presented as n(%). + Current treatment intergroup p<0.05; # Previous treatment intergroup p<0.05.

Abbreviation: NSAIDs, Non-steroidal anti-inflammatory drugs.

Supplementary Table 9. Current and previous treatment prescribed for fever by age group in patients with both fever and pain

| Treatment | 3 to 24 months | | 2 to 6 years | | 6 to 12 years | | 12 to 16 years | |
|--|----------------------------|-------------------|---------------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| | Previous (N=64) | Current (N=71) | Previous (N=167) | Current (N=199) | Previous (N=96) | Current (N=124) | Previous (N=29) | Current (N=45) |
| | Non-pharmacological | | | | | | | |
| Not applicable* | 22(34.4) | 12(16.9) | 66(39.5) | 40(20.1) | 35(36.5) | 48(38.7) | 12(41.4) | 18(40.0) |
| Warm water bath ⁺ | 24(37.5) | 25(35.2) | 64(38.3) | 78(39.2) | 28(29.2) | 36(29) | 5(17.2) | 8(17.8) |
| Administrate oral hydration frequently | 21(32.8) | 38(53.5) | 57(34.1) | 105(52.8) | 27(28.1) | 53(42.7) | 10(34.5) | 18(40.0) |
| Remove excess clothing and linens ⁺ | 20(31.3) | 35(49.3) | 45(26.9) | 71(35.7) | 25(26) | 30(24.2) | 4(13.8) | 9(20.0) |
| Bed rest ^{+#} | 5(7.8) | 8(11.3) | 21(12.6) | 49(24.6) | 20(20.8) | 28(22.6) | 8(27.6) | 15(33.3) |
| Ventilate room ⁺ | 7(10.9) | 18(25.4) | 18(10.8) | 37(18.6) | 10(10.4) | 10(8.1) | 2(6.9) | 7(15.6) |
| Other | 7(10.9) | 5(7.0) | 10(6.0) | 7(3.5) | 6(6.3) | 3(2.4) | 2(6.9) | 2(4.4) |
| Pharmacological | | | | | | | | |
| Paracetamol/Acetaminophen | 52(81.3) | 41(57.7) | 110(65.9) | 103(51.8) | 62(64.6) | 75(60.5) | 18(62.1) | 25(55.6) |
| NSAIDs ⁺ | 17(26.6) | 32(45.1) | 74(44.3) | 111(55.8) | 36(37.5) | 57(46.0) | 10(34.5) | 17(37.8) |

| Treatment | 3 to 24 months | | 2 to 6 years | | 6 to 12 years | | 12 to 16 years | |
|------------|----------------|---------|--------------|---------|---------------|---------|----------------|---------|
| | Previous | Current | Previous | Current | Previous | Current | Previous | Current |
| | (N=64) | (N=71) | (N=167) | (N=199) | (N=96) | (N=124) | (N=29) | (N=45) |
| Metamizole | 5(7.8) | 6(8.5) | 12(7.2) | 16(8.0) | 7(7.3) | 10(8.1) | 2(6.9) | 4(8.9) |
| Aspirin | 1(1.6) | 0(0) | 2(1.2) | 0(0) | 1(1.0) | 2(1.6) | 1(3.4) | 0(0) |

Notes: Values are presented as n(%). * Current treatment intergroup p<0.0001; + Current treatment intergroup p<0.05; # Previous treatment intergroup p<0.05.

Abbreviation: NSAIDs, Non-steroidal anti-inflammatory drugs.

Supplementary Table 10. Current and previous treatment prescribed for pain by age group in patients with both fever and pain

| | 3 to 24 months | | 2 to 6 years | | 6 to 12 years | | 12 to 16 years | |
|-----------------------------|--------------------|-------------------|---------------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| | Previous (N=55) | Current (N=65) | Previous (N=151) | Current (N=190) | Previous (N=90) | Current (N=122) | Previous (N=26) | Current (N=42) |
| Treatment | | | | | | | | |
| Non-pharmacological | | | | | | | | |
| Not applicable [#] | 39(70.9) | 48(73.8) | 104(68.9) | 112(58.9) | 44(48.9) | 66(54.1) | 13(50.0) | 23(54.8) |
| Bed rest [#] | 7(12.7) | 8(12.3) | 36(23.8) | 64(33.7) | 28(31.1) | 41(33.6) | 12(46.2) | 18(42.9) |
| Other [#] | 4(7.3) | 8(12.3) | 10(6.6) | 14(7.4) | 18(20) | 15(12.3) | 2(7.7) | 1(2.4) |
| Massages [#] | 6(10.9) | 1(1.5) | 3(2.0) | 7(3.7) | 2(2.2) | 3(2.5) | 1(3.8) | 1(2.4) |
| Cold [#] | 1(1.8) | 2(3.1) | 1(0.7) | 5(2.6) | 4(4.4) | 6(4.9) | 2(7.7) | 1(2.4) |
| Heat | 0(0) | 0(0) | 3(2.0) | 2(1.1) | 3(3.3) | 7(5.7) | 1(3.8) | 2(4.8) |
| Distraction | 0(0) | 2(3.1) | 1(0.7) | 3(1.6) | 0(0) | 1(0.8) | 1(3.8) | 1(2.4) |
| Plays | 0(0) | 2(3.1) | 1(0.7) | 1(0.5) | 1(1.1) | 1(0.8) | 0(0) | 0(0) |
| Deep breath/relaxation | 0(0) | 0(0) | 0(0) | 0(0) | 1(1.1) | 0(0) | 1(3.8) | 1(2.4) |
| Ultrasound | 0(0) | 0(0) | 1(0.7) | 1(0.5) | 0(0) | 1(0.8) | 0(0) | 0(0) |

| | 3 to 24 months | | 2 to 6 years | | 6 to 12 years | | 12 to 16 years | |
|---------------------------|--------------------|-------------------|---------------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| | Previous (N=55) | Current (N=65) | Previous (N=151) | Current (N=190) | Previous (N=90) | Current (N=122) | Previous (N=26) | Current (N=42) |
| Treatment | | | | | | | | |
| Pharmacological | | | | | | | | |
| Paracetamol/Acetaminophen | 34(61.8) | 25(38.5) | 80(53.0) | 70(36.8) | 54(60) | 57(46.7) | 14(53.8) | 20(47.6) |
| NSAIDs | 18(32.7) | 32(49.2) | 74(49.0) | 105(55.3) | 34(37.8) | 62(50.8) | 12(46.2) | 20(47.6) |
| Metamizole | 5(9.1) | 6(9.2) | 16(10.6) | 20(10.5) | 7(7.8) | 11(9) | 3(11.5) | 4(9.5) |
| Local anesthetics | 3(5.5) | 6(9.2) | 6(4.0) | 8(4.2) | 1(1.1) | 2(1.6) | 1(3.8) | 0(0) |
| Morphine | 0(0) | 5(7.7) | 1(0.7) | 6(3.2) | 0(0) | 4(3.3) | 1(3.8) | 1(2.4) |
| Codeine | 0(0) | 0(0) | 0(0) | 0(0) | 0(0) | 0(0) | 1(3.8) | 1(2.4) |
| Aspirin | - | 0(0) | - | 1(0.5) | - | 3(2.5) | - | 0(0) |
| Tramadol | - | 0(0) | - | 1(0.5) | - | 0(0) | - | 1(2.4) |
| Neuromodulators | - | 1(1.5) | - | 0(0) | - | 0(0) | - | 0(0) |

Notes: Values are presented as n(%). # Previous treatment intergroup p<0.05. **Abbreviation:** NSAIDs, Non-steroidal anti-inflammatory drugs.