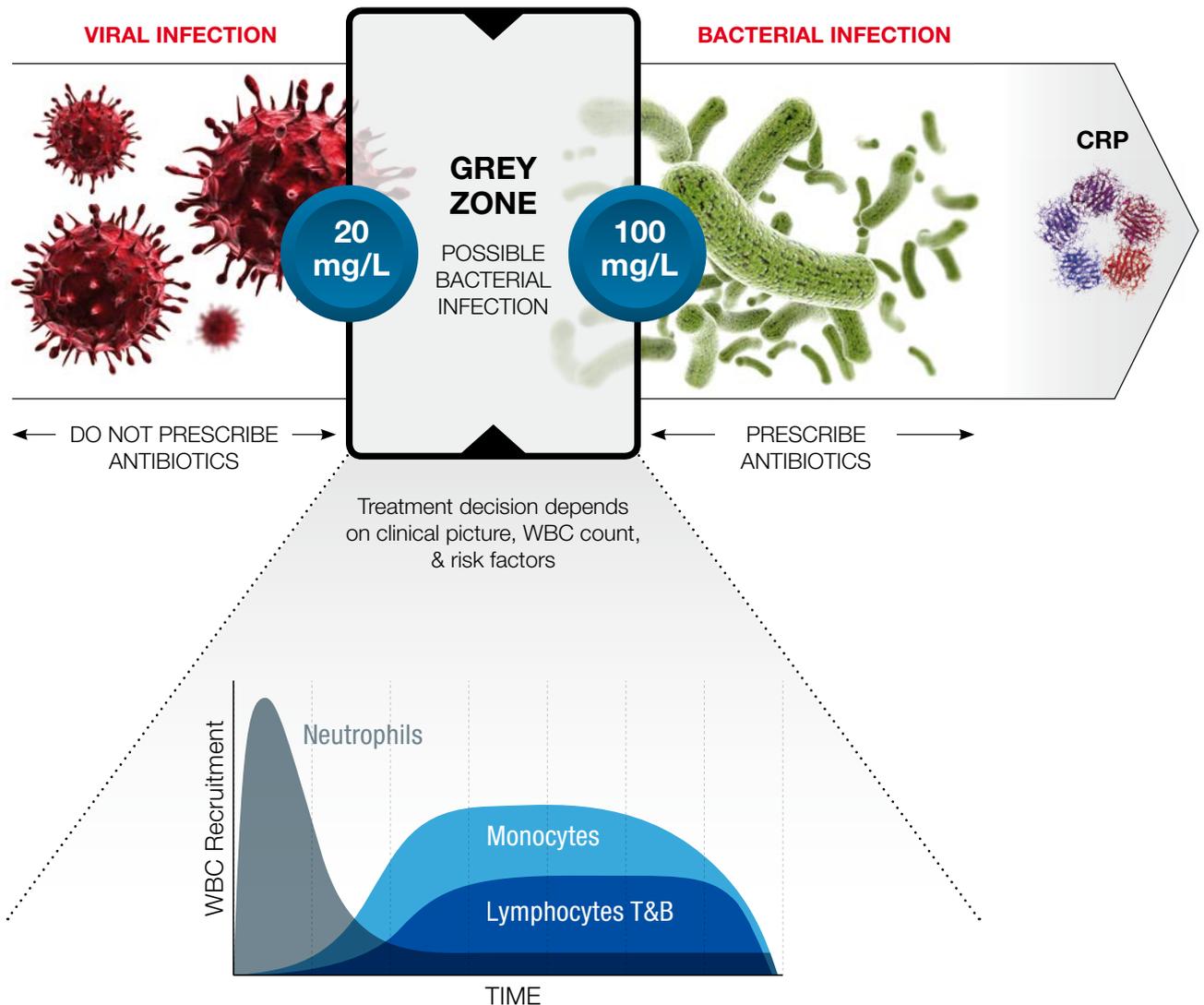


World Exclusive
CRP Hematology Combined Solutions 
At the Point of Care



1 Make the right decision in the prescription of antibiotics



Modified from «Simon A. Jones. J Immunol 2005; 175:3463-3468;»

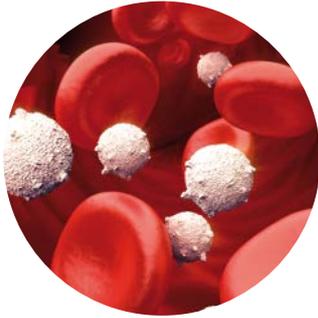


GUIDANCE AGREEMENT OF 4 INDEPENDENT WORKING GROUPS :

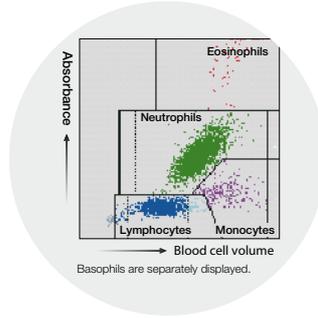
- Nat. Health Clin. Excellence (NICE). Guidance for pneumonia 2014
- Verlee L. et al. Summary of Dutch GP practice guideline. Ned Tijdschr Geneeskd 2012;156:A4188
- Little P. et al. multinational trial on antibiotic prescribing rates (GRACE Study), Lancet 2013;382:1175-82
- Woodhead M. et al. Guidelines for the management of adult lower respiratory tract infections (ERS), Clin Microbiol Infect 2011; 17(Suppl 6):E1-59

2

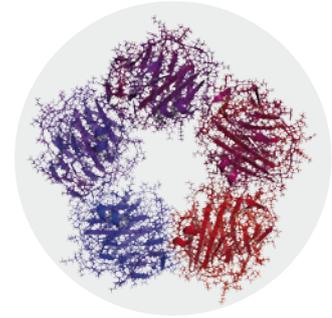
Measure simultaneously CRP and CBC or WBC differential...



19 or 26 hematology parameters



CBC or WBC differential count



CRP measurement

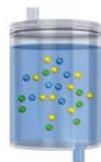
...with rapid results and micro sampling

Measurement of CBC+CRP in 3 or 4 minutes with 18µL / 35µL of whole blood with EDTA

CRP measurement
Proven and exclusive immunoturbidimetry technology for rapid and accurate patient diagnosis.



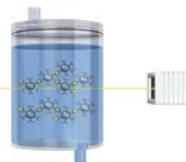
Hemolysis reagent lyses RBC



Buffer inhibits all antigens, except CRP



Latex reagent agglutinates CRP on beads



Measurement of CRP with spectrophotometry (7 measurements)





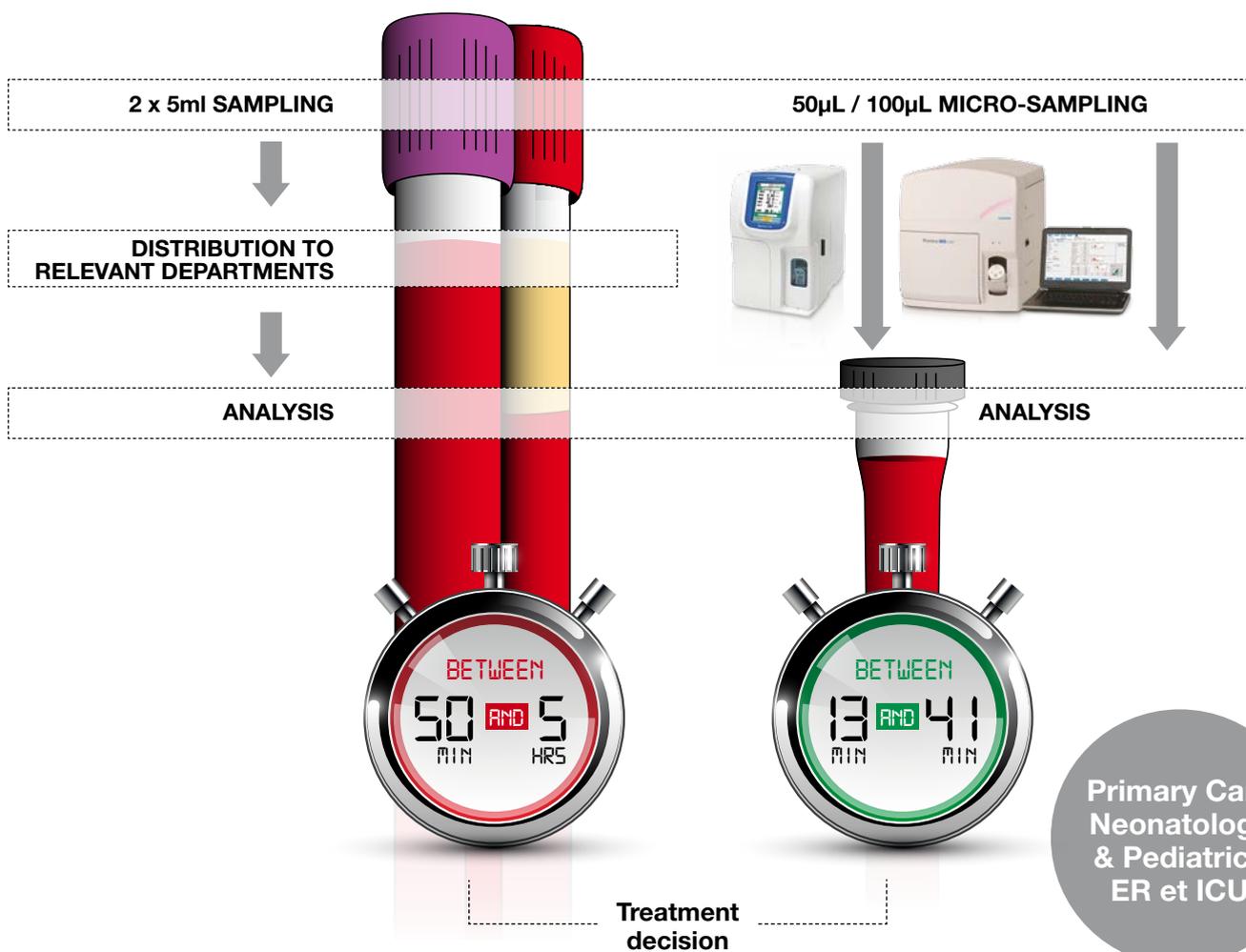
Before, we were outsourcing all tests. [...] Now, we have a CBC+CRP analyser in our treatment room that the nurses can operate.

Dr Utsunomiya,
Amayama Hospital, Japan.

3 Take faster and accurate decision

Before Pentra MS CRP

With **Microsemi CRP** or **Pentra MS CRP**



USE ANTIBIOTICS WISELY

How will you contribute to the reduction of antibiotic resistance?



Antimicrobial resistance poses a catastrophic threat.

If we don't act now, any one of us could go into hospital in 20 years for minor surgery and die because of an ordinary infection that can't be treated by antibiotics. And routine operations like hip replacements or organ transplants could be deadly because of the risk of infection.

That's why governments and organizations across the world, including the World Health Organization and G8, need to take this seriously.

Professor Dame Sally Davies
UK Chief Medical Officer



CRP Hematology Combined Solutions



Pentra MS CRP



Microsemi CRP

Measurement Items	5 diff	+CRP	3 diff	+CRP
Throughput	1min	3min	65sec	4min
Sample volume	28µL	35µL	10µL	18µL
Sample	Whole blood, Serum, Plasma			
Linearity for CRP	0.2-200.0mg/l (Whole blood), 0.2-150.0mg/l (Serum, Plasma)			
OT/CT	OT with Sample holder			
Memory	10,000 tests		200 tests	
Output	Ethernet, RS-232C		Ethernet, RS-232C, CF	
Dimension & Weight	445x580x516 38kg		430x262x450 19kg	



HORIBA
Medical

FRANCE +33 (0)4 67 14 15 15 - ITALY +39 / 06 51 59 22 1 - SPAIN +34 / 91- 353 30 10 - PORTUGAL +351 / 2 14 72 17 70 - UK +44 (0) 1604 542650
 POLAND +48 / 22 6732022 - USA +1 / 949 453 0500 - BRAZIL +55 / 11 2923-5439 - THAILAND +66 / 2 861 59 95 - CHINA +86 / 21 3222 1818
 INDIA +91 / 11 4646 5000 - GERMANY AXON LAB AG +49 / 7153 92260 - DISTRIBUTORS NETWORK +33 (0)4 67 14 15 16

HORIBA Medical online : <http://www.horiba.com/medical>



Operating IMS

