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Editoriale

COVID-19 e test sierologici

“RISPOSTA ANTICORPALE CERTA, SICURA ED EFFICACE? RISPONDONO GLI ESPERTI”

da **Marco Biondi** · 23 Luglio 2020, 14:00

229 Visualizzazioni



22 luglio 2020 – Nuovo appuntamento del talk-webinar **“BUONA SALUTE” ‘DIAGNOSI E MONITORAGGIO CON TEST SIEROLOGICI NELL’INFEZIONE DA SARS-CoV-2’**, organizzato da **Mondosanità** e realizzato con il contributo incondizionato di **ABBOTT**. I **massimi esperti della sanità italiana hanno fatto il punto sui test diagnostici, dall’uso più appropriato al miglior rapporto costo beneficio per il Servizio Sanitario Nazionale nella gestione della fase due in Italia.**

*“I test ELISA per anticorpi IgM e IgG anti SARS-CoV-2 possono avere una specificità superiore al 95% per la diagnosi di COVID-19. La sensibilità dipende dalla fase dell’infezione potendo raggiungere virtualmente il 99%. In genere, la maggior parte degli anticorpi viene prodotta contro la proteina più abbondante del virus, che è quella del nucleocapside (NC). Pertanto, i test che rilevano gli anticorpi anti-NC sarebbero i più sensibili. Tuttavia, tali anticorpi potrebbero avere reattività crociata altri coronavirus. Gli anticorpi contro la proteina S sono invece più specifici e ci si aspetta che siano neutralizzanti. Nonostante un rapido aumento del numero e della disponibilità di test sierologici, la maggior parte non è stata sottoposta a validazione esterna, il che ostacola la selezione e l’interpretazione dei risultati. L’interpretazione di tali test è limitata da alcune lacune di conoscenza. Non è conosciuto il correlato sierologico di protezione e non è stato ancora identificato il grado in cui questi test reagiscono in modo incrociato con anticorpi contro gli altri coronavirus. I test anticorpali possono essere di aiuto nel diagnosticare un’infezione acuta da COVID in pazienti con sintomi tipici e PCR negativa, ma il loro ruolo principale è riservato alle indagini epidemiologiche”, ha detto **Antonio Cascio**, Direttore Malattie Infettive Tropicali Policlinico Giaccone, Palermo*

“I test sierologici rappresentano uno strumento importante per stimare la diffusione dell’infezione in una comunità ed evidenziare l’avvenuta esposizione al virus. La diagnosi sierologica può essere utile per l’identificazione dell’infezione da SARS-CoV-2 in soggetti asintomatici o con sintomatologia lieve, che passerebbero altrimenti inosservati. Le

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*conoscenze scientifiche sui test sierologici per il COVID-19 sono ancora carenti. Non si sa ancora quanto dureranno gli anticorpi specifici e se questi siano in grado di proteggere l'ospite dall'infezione. Attualmente, il test classico di neutralizzazione è l'unico che possa dare indicazioni sulla presenza di uno stato protettivo anticorpale nei confronti del SARS CoV-2. Tuttavia, basandosi sull'esperienza della SARS, è possibile che questi anticorpi possano declinare nel tempo. È pertanto necessario monitorare anche i soggetti immuni per capire se i soggetti infettati saranno protetti a lungo o potranno diventare suscettibili a reinfezione da parte dello stesso virus", ha spiegato **Maria Grazia Cusi**, Professoressa Microbiologia Università di Siena e Direttore Microbiologia e Virologia Azienda Ospedaliera, Siena*

Il Talk-webinar, che ha avuto come media partner Eurocomunicazione, è andato in onda sul sito internet www.mondosanita.it



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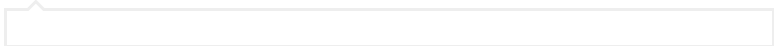
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30, GL 0HJJRJRURQR H &HQWUR 1RUG H OD ULSUHVD SRVW &RYLG 3DUWHF
&DUOR 5RELJOLR YLFH SUHVLGHQWH &RQILQGXXVULD
K 1RPLVPD 3UHVHQWDJLRQH f 5DSSRUWR VXO 0HUFDDWR ,PPRELOLDUH
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VLHURORJLFL QHOO LQIHJLRQH GD 6DUV &R9 6SXQL GL ULIOHVVLQRH SF
IDUH FKLDUHJji RUJDQLJJDWR GD 0RQGRVDQLWi SHU IDUH LO SXQR VXL Wi
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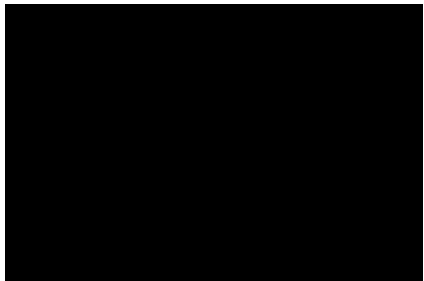
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, WHVW VLHURORJLFL UDSSUHVHQWDQR XQR VWU
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&R9 ¶ RUJDQLJJDWR GD 0RQGRVDQLWj H UHDOLJJDWR FRQ LO FRQWULEXV
LQFRQGLJLRQDWR GL \$%%277 , PDVVLPL HVSHUWL GHOOD VDQLWj LWDOL
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GLSHQGH GDOOD IDVH GHOO¶LQIH]LRQH SRWHQGR UDJJLXQJHUH YLUWX
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 FRQWUR OD SURWHLQD 6 VRQR LQYHFH SL• VSHFLILFL H FL VL DVSHWW
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 LGHQWLILFDWR LO JUDGR LQ FXL TXHVWL WHVW UHJLVFRQR LQ PRGR
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 3&5 QHJDWLYD PD LO ORUR UXROR SULQFLSDOH q ULVHUYDWR DOOH L
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3&5 QHJDWLYD PD LO ORUR UXROR SULQFLSDOH q ULVHLDYDWR DOO DLQDLOL HSLGHFLR

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GLDJQRVL VLSXKHORVHED XWLOH SHU OYLGHQWLILFDJLRQH GHOOTLQI(LP)RQALWd 0556V&R9
LQ VRJJHWWL DVLQWRPDWFL R FRQ VLQWRPDWRORJLD OLHYH FKHSVYVHUHEEHUR DOW
LQRVVHUMFVRQRVFHQJH VFLXIQWHNLWKLHURORJLFL SHU LO &29,' VRQR
DQFRUD FDUHQWL 1RQ VL VD DQFRUD TXDQWR GXUHUDQQR JOL DQWLFRUSL VSHFLILFLH
VLDQR LQ JUDGR GL SURWHJJHUH OYRVSLWH GDOOTLQIHJLRQH QHVYCTG G MKV FKCIPQUV

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VXOOD SUHVHQJD GL XQR VWDWR SURWHWWLYR DQWLFRUSDORHOPDORVQIDRQWELGHWLDS\$6
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SRVVDQR GHFOLQDUH QHO WHPSR E SHUWDQWR QHFHVVDULR PRQLWRUDUH DQFKH L VRJ
LPPXQL SHU FDSLH VH L WDUJGSRWELWMLWDOKQR R SRWUDQOR GLYHOWDUH
VXVFHWWLELOL D UHLQIHJLRQH GD EDUWSHHICODR *UDJLV &XY
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