

Find out here..

Viral Transport Medium



WARNING:

PUN ZONE AHEAD

Hardy's viral specimen transport is ideal for COVID-19 antigen testing. The shelf life has been increased to 150 days at room temperature. Swabs are sold separately.

N95 Masks NIOSH Certified, with silicone seal

Face Masks With adjustable metal nose band. Now available for immediate shipping!

Learn More...

Learn More...

Specimen Collection Swabs Hardy offers swabs in the flocked, foam, and spun polyester formats. Pick from nasopharyngeal, oropharyngeal, standard, or Available for immediate shipping!



a big metal fan. • Why did the boy sell his vacuum cleaner? All it did was collect dust.

• What's another name for hard water...Ice

What is the windmill's favorite type of music? It's

urethral.

More About Flocked NP Swabs...

More About Polyester OP Swabs...

What do you call an arrogant convict going down

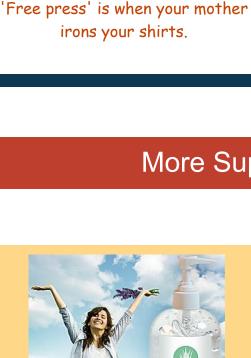
• The tallest building in the city is the library, since

• I wanted to be a Gregorian Monk but never got

the stairs...a condescending con descending?

it has the most stories.

the chants.



Hardy's hand sanitizing gel guards against drying of your skin

with Vitamin E, soothes with Aloe Vera, and has a pleasant

scent with lavender oil. No harmful ingredients as with the

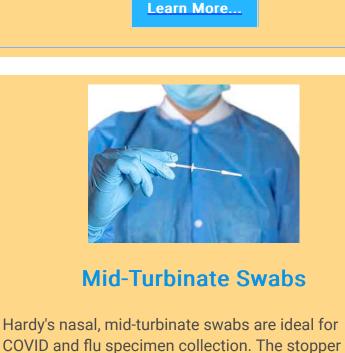
cheap drug store variety! Don't your hands deserve the very

best?

More Supplies to Keep You Safe

AloeSafe Face shields

headband.



prevents over insertion. Nylon flocked swab tip

Hand Sanitizer Solution

Legionnaires Disease

detection of Legionella. Click below to see the product

Learn More..

size also available.

ensures maximum recovery and release. Pediatric

Learn More..

Hardy's liquid hand sanitizer contains both ethanol and hydrogen peroxide for extra killing power. Learn More..



For added protection on the job, Hardy offers face

shields for immediate shipping. Comfortable foam

Learn More..



Learn More.

See a study about sanitizing and re-using masks...

Susceptibility Testing

Hardy offers a complete selections of products for



Detect the five most common enzymes of bacterial

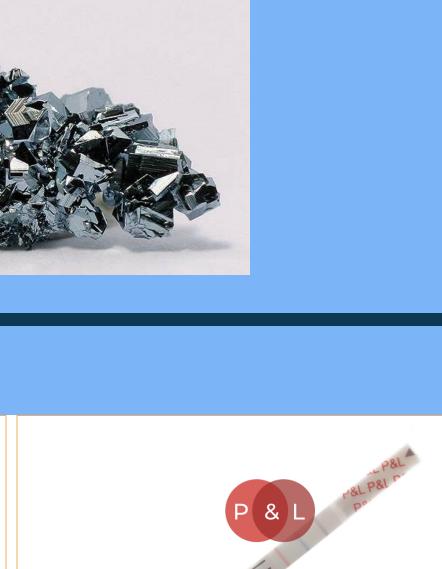
Learn More..

resistance to the carbapenems.

No equipment needed!

Carba 5

Find out...



Now you can simultaneously detect both Legionella

S. pneumoniae from a urine specimen, when patients

Learn More..

Learn More..

show signs of pneumonia. No equipment needed!

ImmuView P&L

The DuraRack

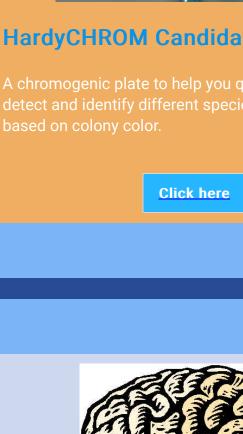
Phraseology:

"Gobbledygook"

rigamarole, bafflegab, and double talk.

This means "wordy, overinvolved, pompous talk of officialdom." The term *gobbledygook* was coined by <u>Maury Maverick</u>, a former congressman from Texas and former mayor of San Antonio. In 1944, when Maverick was chairman of the Smaller War Plants Corporation during World War II, he sent a memorandum that said:

"Be short and use plain English.... Stay off gobbledygook language. Maverick defined *gobbledygook* as "talk or writing which is long, pompous, vague, involved, usually with Latinized words." The allusion was to a turkey, "always gobbledy-gobbling and strutting with ridiculous pomposity." Similar words are jibber-jabber,



Brainteasers Need a quick cranial pick-me-up?

Wisdom to Ponder...

Wolfgang Amadeus

Mozart

1756 ~1791

Austrian musician that composed over

600 classical works, beginning at the

anybody's praise or blame. I simply

"I am one of those who will go on doing till all doings are at an end."

"Believe me, I do not like idleness

intelligence nor imagination nor both together go to the making of

genius. Love, love, love, that is the

"Neither a lofty degree of

"I pay no attention whatever to

age of five.

and the fine arts."

but work."

soul of genius."

overall.

the US so far.

Click here

follow my own feelings." "We live in this world in order always to learn industriously and to enlighten each other by means of discussion and to strive vigorously to promote the progress of science

"I don't think that brand of cat food is very healthy." Rubes By Leigh Rubin RubesCartoons.com

"I think it's safe to say that reports of their highly advanced space program may have

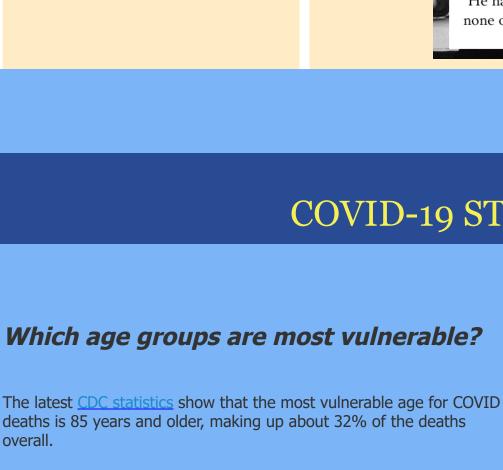
been wildly exaggerated."

Cartoons by Leigh Rubin

"He has all of the virtues I dislike, and

none of the vices I admire." -Winston Churchill

Famous insults...



COVID-19 STATS 0-4: <0.1% (35) <0.1% (59) 18-29: 0.5% (809) School age children (ages 5 to 17) make up only 0.1% of all the deaths. Group (Years) 30-39: 1.3% (2,008) Persons 50 and over make up 95% of all the COVID deaths reported in 40-49: 3.2% (4,831) Age 15.6% (23,476) The <u>overall death rate</u> currently stands at 0.03% of all positive cases

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officials that the Infection Fatality Rate (IFR) for COVID, which would include the many asymptomatic individuals, is

The CFR is the total number of deaths divided by the total number of people that **have the disease's symptoms**. In contrast, the IFR is the total number of deaths divided by the total number of people that carry the infection, some of

As you can see from the references above, there is solid evidence that Vitamin D supplementation is warranted in order to decrease the severity of COVID-19 infections. So the question is: Why is the media largely ignoring this research that could potentially save many lives?

Men with the lowest free 25(OH)D levels (<4.43 ng/L) had a 91% increased risk for all-cause mortality compared to those with the very highest amount of free 25(OH)D, reported Antonio. REFERENCE

Comorbidities or Sole Cause? The <u>CDC reports</u> that of all the COVID-19 deaths reported, only 6% listed COVID-19 as the sole cause of death. Underlying conditions would include diabetes, obesity, cancer, Alzheimer's, and heart disease among others. For deaths with conditions or causes in addition to COVID-19, on average, there were 2.6 additional conditions or causes per death. Note that in these complicated cases, COVID-19 could have been the leading cause of death. Comparison to Influenza - Which is deadlier? The <u>CDC estimates</u> that during the influenza season of 2018-2019 there were 36 million cases and 34,000 deaths. That puts the Case Fatality Rate (CFR) for the flu at 0.09%. Compared to the COVID-19 death rate of 2.8%, these numbers imply that the current viral pandemic, being more contagious, has a death rate of about 31 times that of the seasonal influenza virus. However, this comparison is possibly problematic in that the COVID cases are confirmed by testing, but the influenza cases are an **estimated** number by the CDC. It has been <u>estimated by public health</u>

currently **0.6%**, which is **six times** that of the flu.

which may be asymptomatic.

The Male/Female death ratio is 54/46 percent.

(210,000 deaths of 7,400,000 cases).

This age data was collected from 150,396 deaths.

to test positive for COVID-19 relative to their peers with adequate vitamin "These findings appear to support a role of vitamin D status in COVID-19 risk," the authors say in the study, published "Vitamin D is important to the function of the immune system and vitamin D supplements have previously been shown to lower the risk of viral respiratory tract infections. Our statistical analysis suggests this may be true for the COVID-19

During our 40 years of serving the microbiology community, we have continually aimed to provide the utmost in "a culture of service" for our valued customers. As a 100% employee owned company, we have even more incentive to please our customers as best we can every day. Do you have a suggestion or comment? Please contact me here.

> Jay Hardy, CLS, SM (NRCM) **CEO** of Hardy Diagnostics

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sales@HardyDiagnostics.com

Vitamin D A neglected option of treatment and prevention of COVID-19 infections In the last month's issue of MicroBytes, we listed 11 scientific recently published... Individuals with untreated vitamin D deficiency were nearly twice as likely D levels. online September 3 in JAMA Network Open. infection." Half of Americans are deficient in Vitamin D, with much higher rates seen in African Americans, Hispanics, and individuals living in areas like Chicago where it is difficult to get enough sun exposure in winter. REFERENCE

studies that showed the efficacy of Vitamin D in preventing or treating serious cases of COVID-19. Here are two more that were We found vitamin D deficiency is associated with a higher risk of all-cause mortality, and specifically, we found that free 25(OH)D, but not free 1.25(OH)2D, is predictive of all-cause mortality."

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