

**July 28, 2024**

***'THE WEEKLY DOCTOR DOUG REPORT'***

**COVID STRAIN IS VERY CONTAGIOUS AND IS PRESENT  
THROUGHOUT ARIZONA... WE ARE SEEING SEVERAL  
EACH WEEK, MOST DUE TO TRAVEL OR LARGE EVENT  
ATTENDANCE.**

**IF YOU GET SICK AFTER TRAVEL OR ATTENDING A BIG  
GATHERING... DO A COVID TEST.**

**ALL DOING WELL. BE PROACTIVE TO PREVENT NEED  
FOR HOSPITALIZATION.**

- **I CANNOT STRESS THIS ENOUGH... IF YOU DON'T  
WANT COVID FROM TRAVEL... WEAR A MASK IN THE  
AIRPORT CROWDS AND ON THE AIRPLANE (UNTIL  
10,000 FEET)... THIS IS NOT AS ESSENTIAL AS IT WAS  
WHEN COVID WAS MORE PREVALENT... BUT IF YOU  
WANT TO AVOID INFECTIONS IN GENERAL DURING  
TRAVEL... IT'S A RECOMMENDATION.**
- **EVEN SELECTIVE MASK USE WORKS WELL... SUCH  
AS ONLY IN CROWDED SPACES IN THE AIRPORT, AND  
DURING TRAVEL 'TO' YOUR DESTINATION, SO THAT  
YOU ARE NOT ILL DURING YOU VACATION/TRAVEL  
TIME. LESS IMPORTANT WHEN YOU RETURN FROM  
VACATION.**
- **GET BOOSTED IF YOU HAVE NOT DONE  
SO... PARTICULARLY OVER AGE 65 WITH HEALTH  
ISSUES OR OVER 75 WITHOUT HEALTH ISSUES.**

**EVERY 6 MONTHS IS THE RECOMMENDATION FOR THIS GROUP.**

- **IF YOU WERE BOOSTED IN SEPTEMBER/OCTOBER AND OVER AGE 65, ANOTHER BOOST IS WORTHWHILE THIS SPRING. THAT SAID...IF YOU HAVE HAD COVID IN THE PAST 6 MONTHS YOU CAN HOLD ON BOOSTING FOR 6 MONTHS.**
- **FLU SEASON IS OVER... NO MORE FLU SHOTS THIS SEASON**
- **VERY LITTLE RSV IN THE VALLEY.**

**IF YOU THINK YOU HAVE A COLD OR RESPIRATORY INFECTION RIGHT NOW.... YOU MAY WELL HAVE COVID. PLEASE DO A COVID TEST TO CHECK AT HOME.**

**ALMOST ALL DOING WELL, BUT WE ARE SEEING A FEW PEOPLE NEED THE HOSPITAL TO RECOVER.**

**THE CURRENT COVID VACCINE IS AVAILABLE.**

**IT IS KEEPING PEOPLE FROM HAVING A MORE DIFFICULT TIME WITH INFECTION AND KEEPING PEOPLE OUT OF THE HOSPITAL.**

**I RECOMMEND THE COVID BOOSTER GENERALLY FOR THOSE OVER 65. BUT.....**

- **I HIGHLY RECOMMEND A BOOSTER FOR THOSE 80 & OLDER.**

- I HIGHLY RECOMMEND THE BOOSTER FOR THOSE OVER 65 WITH HEART FAILURE, SIGNIFICANT LUNG CONDITIONS, AND DIABETES.

**CONSIDER BOOSTING WITH THE NEW COVID VACCINE TO REDUCE RISK OF COVID AND TO REDUCE COVID SYMPTOM SEVERITY**

**WEST NILE SEASON:**

**NO SIGNIFICANT WEST NILE REPORTED IN THE VALLEY AT THIS TIME BUT PREPARE TO USE PROTECTION.**

**IF WE HEAR OF NEW CASES...WILL REPORT TO YOU.**

**NO WEST NILE REPORTED.... BUT PREPARE NOW BY GETTING YOUR MOSQUITO REPELLENT.**

**PLEASE USE MOSQUITO REPELLENT WHEN IN HIGH EXPOSURE SITUATIONS.**

**ARIZONA IS THE PRIME USA LOCATION FOR WEST NILE DUE TO HIGH WEST NILE VIRUS LEVELS IN RAPTOR BIRDS WHO ARE IMMUNE TO WEST NILE ILLNESS, BUT NOT IMMUNE TO CARRYING THE VIRUS. THIS CAN RESULT IN ARIZONA MOSQUITOS WITH PARTICULARLY HIGH VIRUS LEVELS WHEN THEY BITE.**

**H5N1 INFLUENZA**

**THERE IS A LOT OF NEWS ABOUT THE 'BIRD FLU'....H5N1, AS IT HAS BEEN FOUND IN LARGE QUANTITIES IN COWS MILK IN THE USA. THIS IS NOT INFECTIOUS IN MILK, BUT**

**IT DEMONSTRATES THAT THERE IS A GREAT DEAL OF THIS SUB-TYPE IN THE COUNTRY.**

**IT IS NOT A WORRY, BUT IS SOMETHING THAT IS TO BE MONITORED, AS WIDESPREAD INFECTION IN HUMANS WOULD CAUSE A VERY LARGE INFLUENZA OUTBREAK OR ANOTHER PANDEMIC...THIS TIME OF INFLUENZA.**

**THAT SAID, THE RISK REMAINS PRESENT BUT LOW. WE SHOULD NOT BE WORRIED ABOUT THIS IN OUR DAY TO DAY LIVES, BUT WE WILL KEEP MONITORING AND KEEP YOU AWARE.**

**H5N1 IS A SUB-TYPE THAT IS DRAMATICALLY DIFFERENT FROM THE NORMALLY CIRCULATING FLU AND ALTHOUGH THERE WILL BE AN IMMUNIZATION FOR THIS IF IT BECOMES WIDESPREAD IN HUMANS, THERE IS LITTLE NATURAL IMMUNITY TO THIS FORM OF FLU AND IT IS FELT THAT H5N1 HAS THE POTENTIAL FOR PANDEMIC EFFECTS.**

#### **VACCINATIONS THIS SPRING:**

- COVID SHOT**
- RSV SHOT (NOT SPRING..TAKE IN THE FALL IF YOU HAVE NOT TAKEN YET)**

**DO NOT GET ALL SHOTS AT THE SAME TIME. RSV SHOULD BE TAKEN ALONE.**

#### **COVID SHOT:**

**CURRENT COVID IS AVAILABLE NOW.... GET IT NOW!**  
***(It is at the pharmacies...our office does not carry this vaccine.)***

**WHO SHOULD GET IT:  
IF YOU HAVE NOT HAD COVID YET AND ARE OVER 65, I  
RECOMMEND YOU STAY CURRENT WITH THE LATEST  
VERSION OF THE VACCINE. GET THE LATEST VACCINE  
WHEN AVAILABLE.**

**IF YOU HAVE HAD COVID, YOU HAVE ADDITIONAL  
PROTECTION AGAINST FUTURE INFECTION, BUT IS NOT A  
GUARANTEE.**

**I WOULD MAKE SURE YOU HAVE HAD A COVID SHOT  
DURING SPRING 2024 FOR THOSE OVER 65 WHO HAVE  
ADDITIONAL RISK DUE TO HEALTH ISSUES SUCH AS:  
ACTIVELY TREATED HEART FAILURE, LUNG DISEASE, OR  
DIABETES.**

**WHEN TO GET THE COVID VACCINE:**

**GET IT RIGHT NOW**

**RSV VACCINE:  
THIS IS A NEW VACCINE THAT IS AVAILABLE FOR THE  
FIRST TIME THIS YEAR.**

***(It is at the pharmacies... our office does not carry this  
vaccine.)***

**WHO SHOULD GET IT:**

**I DO NOT RECOMMEND IT FOR EVERYONE DURING THIS  
FIRST CALENDAR YEAR OF AVAILABILITY.  
I DO THINK PEOPLE AT HIGHER RISK SHOULD CONSIDER  
GETTING THE RSV VACCINE THIS YEAR IF THEY ARE  
INCLINED...BUT DON'T FEEL OBLIGATED.**

**FOR THOSE OVER 65 WHO HAVE ADDITIONAL RISK FOR SERIOUS ILLNESS AS A RESULT OF HEALTH ISSUES SUCH AS: ACTIVELY TREATED HEART FAILURE, CANCER, LUNG DISEASE, OR DIABETES.**

**THERE ARE TWO VERSIONS, BOTH SIMILAR, AND THERE IS NO SPECIFIC REASON TO CHOOSE ONE OVER THE OTHER (ONE IS GSK..MAKERS OF SHINGRIX, THE OTHER IF PFIZER...MAKERS OF THE COVID VACCINE)**

**GETTING THE VACCINE THIS YEAR IS ELECTIVE. I AM NOT BROADLY RECOMMENDING IT. SEE BELOW FOR ADDITIONAL DETAILS.**

**WHEN TO GET RSV VACCINE:**

**WAIT UNTIL NEXT SEASON AT THIS POINT...IT IS LATE IN SEASON AND RSV IS MODERATE TO LOW.**

**COVID:**

**CONSIDER GETTING AN ADDITIONAL BOOSTER NOW IF:**

**YOU ARE OVER 65 AND HAVE NOT HAD COVID**

**YOU ARE AT HIGHER RISK DUE TO ILLNESS/MEDICATION (ANY AGE) AND HAVE NOT HAD COVID.**

**IF YOU HAVE HAD COVID OVER 4 MONTHS AGO AND WISH TO BOOST YOUR IMMUNITY.**

**YOU ARE TRAVELING EXTENSIVELY IN THE NEXT 6 MONTHS OR ARE GOING TO LARGE FAMILY EVENTS.**

**IF YOU HAVE NOT HAD COVID AND NOT HAD 6 SHOTS....AND ARE OVER 65...THE DATA IS COMPELLING THAT ADDITIONAL SHOTS WILL KEEP YOU OUT OF THE HOSPITAL. I HIGHLY RECOMMEND THIS.**

**IF GOOD VENTILATION, OPEN SPACES....NO NEED TO MASK AS A GENERAL RULE.**

**CONSIDER WEARING A GOOD MASK (KN95 OR N95) SELECTIVELY AT BUSY INDOOR LOCATIONS TO STAY HEALTHY ...ESPECIALLY IF YOU HAVE NOT HAD COVID. LIVE YOUR LIFE AND GO OUT AND ABOUT AS YOU FEEL COMFORTABLE..... AND YOU SHOULD FEEL COMFORTABLE DOING SO.**

**HOW TO MANAGE AT THIS TIME FOR GATHERINGS:**

**PEOPLE ARE GOING TO BE COMFORTABLE GETTING TOGETHER AND THEY SHOULD GET TOGETHER. TO REDUCE RISK....HERE ARE SOME IDEAS TO CONSIDER:**

**GET YOUR COVID BOOSTER**

**DO NOT ATTEND GATHERINGS IF YOU ARE NOT FEELING WELL. ASK OTHERS NOT TO ATTEND IF THEY ARE NOT FEELING WELL.**

**KEEP AIR MOVING IN GATHERING AREAS. VENTILATION...BY NATURAL MEANS OUTDOORS OR WITH FANS, CAN BE HELPFUL.**

**WEARING A HIGH-QUALITY MASK AT GATHERINGS IS GOOD IF YOU ARE TRAVELING AND WISH TO AVOID**

**INFECTION FOR TRAVEL. IT IS IMPERATIVE FOR THOSE WITH TRULY REDUCED IMMUNITY...THOSE RECEIVING CHEMOTHERAPY, THOSE WITH SEVERE LUNG DISEASE, AND THOSE RECOVERING FROM RECENT HOSPITALIZATION.**

**GENERAL RECOMMENDATIONS:**

**WEAR N-95 OR KN95 MASKS IN SITUATIONS THAT YOU FEEL ARE HIGHER EXPOSURE IF YOU WISH TO REDUCE YOUR RISK**

**WHEN GOING OUT TO ACTIVITIES.... SELECT OPTIONS THAT ALLOW FOR BETTER VENTILATION INSIDE, OR CHOOSE OUTSIDE OPTIONS**

**IF YOU GET SICK YOU NEED TO TEST FOR COVID. CONSIDER COMING INTO THE OFFICE PARKING LOT FOR FLU TESTING AS WELL**

**TREATMENT FOR COVID AND FOR FLU IS AVAILABLE AND WORTHWHILE IN MANY INSTANCES.**

**TREATMENT FOR RSV IS PURELY SYMPTOMATIC.... WE TREAT THE SYMPTOMS AS THERE IS NO ANTIVIRAL FOR RSV**

**COVID IS UNDER CONTROL ON A BROAD BASIS RISKS OF COMPLICATIONS ARE LOW FOR THE MULTI-VAXXED**

**PAXLOVID ANTI-VIRAL PILLS ARE WIDELY AVAILABLE....  
BUT MOST PEOPLE DO NOT REQUIRE MEDICATION TO  
TREAT THEIR CASE OF COVID.**

**PLEASE LIVE LIFE, BEING CAREFUL IN WAYS THAT MAKE  
YOU FEEL MOST COMFORTABLE, BUT DO NOT RESTRICT  
YOUR ACTIVITIES.**

**FOR THE UNVACCINATED.... KEEP YOUR EYES ON THE  
ROAD.... COVID CONTINUES TO BE AN ISSUE.  
THE CURRENT VARIANT IS MUCH MILDER, BUT THERE ARE  
CONCERNS FOR THOSE WHO ARE NOT VACCINATED. WE  
ARE TREATING NEARLY ALL THE UNVACCINATED THAT  
GET COVID.**

**IF YOU HAVE SIGNIFICANT RESPIRATORY SYMPTOMS,  
PRESUME THIS IS COVID AND PROTECT OTHERS!!!**

**PAXLOVID PILLS AVAILABLE FOR ALL BUT ARE ONLY  
NECESSARY FOR THOSE WITH CHALLENGING SYMPTOMS  
IN THE FIRST 5 DAYS OR THOSE AT HIGH RISK FOR  
COMPLICATIONS FROM BREAKTHROUGH COVID.**

**RECOMMENDATIONS FOR MASKING WHEN TRAVELING IS  
A PERSONAL DECISION.**

**DO NOT CONCERN YOURSELF IF OTHERS ARE  
MASKING. IF YOU WEAR A HIGH-QUALITY MASK YOU ARE  
INCREASING YOUR PROTECTION AND DECREASING YOUR  
RISK.**

- I DO RECOMMEND WEARING A KN95 OR N95 IN THE AIRPORT TERMINAL WHERE EXPOSURE IS GREATEST.
- ON THE AIRPLANE, WHEN THE ENGINES ARE FULLY ON, THE AIR IS BEING HIGHLY FILTERED AND EXPOSURE IS MUCH LESS. WEARING AN EXCELLENT MASK WILL REDUCE YOUR RISK DURING FLIGHT, BUT IT IS UP TO YOU IF YOU WISH TO USE THE MASK AT THAT TIME.

#### **GUIDELINES IF YOU GET BREAKTHROUGH COVID:**

<https://doctordoug.com/2022/01/10/i-have-covidwhat-do-i-do/>

**COVID TESTING WITH AT HOME TESTS (ANTIGEN TESTS) ARE GENERALLY ACCURATE AND THEY ARE USEFUL. BUT A NEGATIVE TEST IN THE SETTING OF CLASSIC SYMPTOMS.... IS LIKELY A FALSE RESULT.**

**DO A PCR TEST TO CROSS CHECK OR IF YOU HAVE CLASSIC COVID SYMPTOMS, OR YOU MAY 'HOLD ON ADDITIONAL TESTING' AND PRESUME YOU HAVE COVID AND FOLLOW PRACTICES FOR THOSE WITH COVID.**

**5 DAYS OF QUARANTINE AND 5 DAYS OF MASKING IS THE PLAN FOR ALL COVID POSITIVE PATIENTS WHO HAVE BEEN VACCINATED. THAT IS THE IDEAL IF YOU ARE OVER 65 AND HANGING OUT WITH FRIENDS IN THE SAME AGE GROUP. YOU CAN DO LESS PER THE CDC, GOING OUT ONCE FREE OF FEVER FOR 24 HOURS, BUT IF YOU ARE OLDER, IT IS PROPER TO QUARANTINE FOR 5 DAYS.**

**PAXLOVID (PFIZER PILL FOR COVID) & LAGEVRIO (MERCK PILL) ARE AVAILABLE BUT RECOMMENDED ONLY FOR THOSE AT PARTICULARLY HIGH RISK OF COMPLICATIONS (IMMUNE SUPPRESSED OR UNVACCINATED).**

## HOW DO I GET TESTED FOR POSSIBLE ACTIVE COVID INFECTION?

TESTING CAN BE DONE AT LOCATIONS THROUGHOUT THE CITY OR BY A SELF-TEST FROM YOUR LOCAL PHARMACY.

<https://doctordoug.com/2020/11/22/covid-19-testing-sites/>

YOU MAY PURCHASE A HOME TEST KIT FROM AMAZON OR  
YOU CAN GET SIMILAR KITS AT WALGREENS OR CVS OR  
YOUR LOCAL PHARMACY.

I THINK IT WOULD BE A GOOD IDEA TO HAVE A HOME KIT  
FOR SELF-TESTING AT HOME. IT IS LIKELY YOU WILL USE  
IT BY THE END OF WINTER.

RECOMMENDED HOME TEST KITS FROM AMAZON ARE:

- iHealth COVID-19 Antigen Rapid Test
- Quidel QuickVue at-Home OTC COVID-19

[https://www.amazon.com/iHealth-COVID-19-Authorized-Non-invasive-Discomfort/dp/B09KZ6TBNY/ref=sr\\_1\\_1\\_sspa?crid=1QISNYIENRKEO&keywords=ihealth+covid-19+antigen+rapid+test&qid=1655045654&sprefix=ihealth%2Caps%2C169&sr=8-1-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVvPUExNUkwMFdSWINQTVQwJmVuY3J5cHRIZEIkPUEwMzc1MzMzMzBUUjJUSVg4UFA5UyZlNmNyeXB0ZWRBZEIkPUEwNDQ5MzI4MzNBOTdXUk9TSk5FMiZ3aWRnZXROYW1IPXNwX2F0ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=](https://www.amazon.com/iHealth-COVID-19-Authorized-Non-invasive-Discomfort/dp/B09KZ6TBNY/ref=sr_1_1_sspa?crid=1QISNYIENRKEO&keywords=ihealth+covid-19+antigen+rapid+test&qid=1655045654&sprefix=ihealth%2Caps%2C169&sr=8-1-spons&psc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVvPUExNUkwMFdSWINQTVQwJmVuY3J5cHRIZEIkPUEwMzc1MzMzMzBUUjJUSVg4UFA5UyZlNmNyeXB0ZWRBZEIkPUEwNDQ5MzI4MzNBOTdXUk9TSk5FMiZ3aWRnZXROYW1IPXNwX2F0ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU=)

<https://www.amazon.com/Quidel-QuickVue-at-Home-COVID-19->

[Test/dp/B093NBTF75/ref=sr\\_1\\_3?clid=25COAA6CR9FBY&dc&hild=1&keywords=rapid+covid+testing+kit+for+home&qid=1630678185&sprefix=rapid+covid+test%2Caps%2C241&sr=8-3](https://dp/B093NBTF75/ref=sr_1_3?clid=25COAA6CR9FBY&dc&hild=1&keywords=rapid+covid+testing+kit+for+home&qid=1630678185&sprefix=rapid+covid+test%2Caps%2C241&sr=8-3)

**TESTING LOCATIONS CAN ALSO BE FOUND HERE:**

<https://doctordoug.com/2020/11/22/covid-19-testing-sites/>

YOU CAN SEE DAILY TRENDS FOR ARIZONA AND THE U.S. HERE, ON THE CDC WEBSITE...JUST CHOOSE 'ARIZONA' FROM THE LIST.

[https://covid.cdc.gov/covid-data-tracker/#trends\\_dailytrends](https://covid.cdc.gov/covid-data-tracker/#trends_dailytrends)

To monitor the course of COVID in Maricopa County, go to: <https://covidactnow.org>

**LOCATIONS FOR COVID TESTING OTHER THAN OUR OFFICE...SEE OUR UPDATED LIST:**

<https://doctordoug.com/2020/06/30/covid-19-testing-sites/>

**LATE NIGHT TESTING AT NEXT CARE FACILITIES IS A CONSIDERATION. HERE IS THE LINK:**

<https://nextcare.com/curbside/>

Know that our office is responding to COVID, and we are here to help. Reach out for assistance if you are not feeling well. We will develop a plan of action for you to move forward.

**Yours in good health,  
Dr. Lakin**