

August 27, 2023

**COVID LEVELS ARE LOW AND RISING MODESTLY
NATIONALLY. WE ARE NOT SEEING A SIGNIFICANT
SURGE OF CONCERN AT THIS TIME. THERE IS NOTHING
CURRENTLY THAT COMPARES TO THE PREVIOUS
SURGES.**

**XBB1 IS THE COMMON SUB-TYPE AND BA.2.86, IS A RISING
VARIANT, BUT IT'S SIGNIFICANCE IS MODEST AT THIS
TIME. THE TALK OF INCREASE IS REAL, BUT NUMBERS
REMAIN LOW COMPARED TO PREVIOUS PEAKS. WORRY
FACTOR IS LOW BUT WE ARE MONITORING AND WILL
ADVISE IF THIS NEW VARIANT CHANGES ANY
RECOMMENDATIONS.**

**WE CONTINUE TO SEE COVID PRIMARILY IN TRAVELERS
AND IN PEOPLE WHO HAVE NOT HAVE COVID YET WHO
ARE EXPOSED TO RECENT TRAVELERS. CONSIDER
BOOSTING 2 WEEKS OR MORE PRIOR TO TRAVEL.... AND
MASKING DURING TRAVEL WILL KEEP YOUR TRIP COVID-
FREE.**

TIMING OF VACCINATIONS THIS FALL AND WINTER:

- **FLU SHOT**
- **COVID SHOT**
- **RSV SHOT**

**DO NOT GET ALL SHOTS AT THE SAME TIME.
IF YOU WISH, YOU CAN GET FLU AND COVID AT THE SAME
TIME. THAT IS PROVEN SAFE AND EFFECTIVE.**

**IF YOU ARE GETTING MULTIPLE SHOTS, PLEASE GIVE 2
WEEKS BETWEEN SHOTS**

FLU SHOT:

**WHO SHOULD GET IT: RECOMMEND IT FOR EVERYONE
OVER 65 AND FOR ANYONE OF ANY AGE WHO DOES NOT
WANT TO GET THE FLU.**

**TIMING: ANYTIME FROM MID-SEPTEMBER ONWARD IS
BEST. FLU SEASON WAS EARLY LAST YEAR, BUT
TYPICALLY BEGINS IN EARNEST AROUND THANKSGIVING
IN ARIZONA. IT TAKES 2-3 WEEKS FOR THE FLU SHOT TO
BE FULLY EFFECTIVE.**

COVID SHOT:

UPCOMING AND CURRENT COVID SHOT VERSION:

**THE NEW COVID VACCINE FOR XBB1, THE DOMINANT
VARIANT, IS NOT OUT YET.**

**IT WILL BE AVAILABLE, WE ARE TOLD, IN OCTOBER.
IN THE MEANTIME, THE BIVALENT COVID VACCINE IS
AVAILABLE.**

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 THE 2023 CALENDAR YEAR 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:

I RECOMMEND WAITING UNTIL THE NEW VERSION IS AVAILABLE.

(EXCEPTIONS ARE THOSE WHO HAVE NOT HAD COVID INFECTION YET AND WHO WERE NOT VACCINATED ANYTIME THIS YEAR.....AND THOSE WHO ARE TRAVELING EXTENSIVELY. YOU CAN GET THE CURRENT VERSION.

RSV VACCINE:

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

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.

**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.**

**WHEN TO GET RSV VACCINE: GET IT
ANYTIME...STARTING NOW...THROUGH THE FEBRUARY.**

**WEST NILE SEASON IS STILL HERE. USE PROTECTION.
IF WE HEAR OF NEW CASES...WILL REPORT TO YOU. NOT
CURRENTLY HIGH LEVEL IN TOWN, BUT NOW IS THE TIME.
BY THE TIME WE SEE THE INCREASE WE WILL BE
RUNNING BEHIND.... SO BEGIN NOW.
PLEASE USE MOSQUITO REPELLENT DAILY UNTIL THE
END OF SEPTEMBER, OR AT LEAST 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.**

COVID:

THE 4TH COVID BOOSTER IS AVAILABLE FOR THOSE OVER 65 OR THOSE WHO ARE YOUNGER AND HAVE COMPROMISED IMMUNE SYSTEMS. THIS IS A BIVALENT VACCINE WITH THE ORIGINAL COVID VIRUS & OMICRON VARIANT.

A NEW BOOSTER WILL BE AVAILABLE IN OCTOBER. IT WILL CONTAIN THE CURRENT VARIANT XBB.1.5, WHICH IS 99% OF THE COVID IN THE USA.

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 5 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 SUMMER 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

**BOOSTER COVID VACCINATIONS:
THE NEW COVID VACCINE IS BIVALENT.... THIS MEANS IT CONTAINS THE ORIGINAL VACCINE COVERAGE.... PLUS, COVERAGE MORE SPECIFICALLY FOR BA5 FORMS OF COVID.**

GIVEN THE SAFETY OF THE VACCINE, IT IS BEST FOR EVERY ADULT TO CONSIDER THIS BOOSTER...BUT....

I STRONGLY RECOMMEND THE BOOSTER VACCINE IF:

YOU HAVE NOT HAD COVID AND ARE OVER 65 YEARS OLD

YOU HAVE NOT HAD COVID AND HAVE HEALTH ISSUES THAT MAKE YOU MORE SUSCEPTIBLE TO COVID COMPLICATIONS SUCH AS.... EMPHYSEMA, SIGNIFICANT DIABETES, HEART FAILURE, OR ARE ON IMMUNE SUPPRESSING MEDICATION.

IF YOU HAD COVID YOU CAN STILL BENEFIT FROM ANOTHER BOOSTER, BUT IT IS NOT AS ESSENTIAL, AS YOUR PREVIOUS COVID INFECTION DOES HELP BOOST YOUR IMMUNITY THROUGH NATURAL MEANS.

IF YOU HAVE HAD 5 COVID VACCINES, THE 6TH VACCINE IS NOT AS ESSENTIAL, BUT IT WILL PROVIDE ADDITIONAL PROTECTION AND IS WORTH STRONGLY CONSIDERING.

REMEMBER, IF YOU GET COVID WE CAN ALWAYS TREAT YOU WITH PAXLOVID PILLS, THEY ARE EFFECTIVE.

GET YOUR COVID BOOSTER AND GET YOUR FLU BOOSTER

**COVID BOOSTER IS FULLY EFFECTIVE IN 1 WEEK
FLU IS FULLY EFFECTIVE IN 3 WEEKS**

MANY WHO HAVE AVOIDED COVID ARE NOW GETTING INFECTED DESPITE ALL OF THEIR EFFORTS.

**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.
WE WILL CONTINUE TO MONITOR THE SITUATION, BUT
AT THIS TIME, IN THE USA FOR THE MULTI-VACCINATED,
WE HAVE REACHED OUR ENDPOINT.**

**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.**

**I RECOMMEND THE BOOSTER GENERALLY, WITH THESE
SPECIFIC COMMENTS:**

DO GET THE BOOSTER IF:

- YOU HAD 4 SHOTS AND DID WELL WITH THEM, YOU SHOULD DO WELL WITH THE 5TH SHOT.
- IF YOU DID NOT GET BREAKTHROUGH COVID YET.
- THE OLDER YOU ARE THE MORE BENEFICIAL THE 5TH COVID SHOT. FOR 70 AND ABOVE THE SHOT IS DEFINITELY QUITE USEFUL. UNDER THAT AGE IT'S LESS BENEFICIAL AND UP TO YOU PERSONALLY IF YOU WANT THE SHOT.
- DO STAY WITH THE SAME SHOT. IF YOU HAVE BEEN GETTING PFIZER...STAY WITH PFIZER. IF YOU HAVE BEEN GETTING MODERNA...STAY WITH MODERNA.

RECOMMENDATIONS FOR MASKING WHEN TRAVELLING 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.

PAXLOVID (PFIZER PILL FOR COVID) & MOLNUPIRAVIR (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/>

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.

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

https://www.amazon.com/Quidel-QuickVue-at-Home-COVID-19-Test/dp/B093NBTF75/ref=sr_1_3?crid=25COAA6CR9FBY&dchild=1&keywords=rapid+covid+testing+kit+for+home&qid=1630678185&srefix=rapid+covid+test%2Caps%2C241&sr=8-3

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

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