

Name: Ashley Gjovik | DOB: [REDACTED] | MRN: [REDACTED] | PCP: [REDACTED]

**A Note to Patients:** Symptoms are concisely summarized to inform treatment recommendations. For reasons of privacy and brevity, this note does not attempt to capture all experiences that were discussed.

## Progress Notes

Robert J. Harrison at 4/29/2021 11:00 AM

### ATTESTATION

My date of service is 4/30/21. I reviewed the video consultation note of Dr. Hall dated 4/30/21 and discussed the case with his. I was present during the videovisit and am personally involved in the management of the patient.

I agree with the findings and care plans as documented. I spent a total of 40 minutes directly pertaining to the management of the clinical and occupational health problems, and 40 minutes of that time (>50%) was spent counseling regarding the prevention, treatment options, prognosis and coordination of care for her chemical exposures. I reviewed the extensive blood and urine laboratory testing for VOC metabolites, pesticides and organochlorines; as well as the results of VOC testing in her apartment. These do not suggest persistent body burden of chemicals, and the levels of VOCs in the air of her apartment do not exceed the threshold set by the DTSC for long term cancer and/or chronic non-cancer effects. While this is reassuring from her personal health standpoint, there remains a concern about potential pathways for residential exposures, and these should be addressed by the county and State environmental agencies. All questions and issues were addressed and discussed, and I remain available as needed for any additional concerns about health issues.

### Plan

Robert Harrison, MD, MPH  
Clinical Professor of Medicine

Darren Martin Hall at 4/29/2021 11:00 AM

### REFERRAL SOURCE AND REASON

Ms. Ashley Gjovik was referred to the Mt. Zion Occupational and Environmental Clinic for evaluation and treatment of potential health effects occurring in the setting of exposure to toxic chemicals from working near Superfund sites.

### HISTORY OF PRESENT ILLNESS

Ms. Gjovik is a 34 y/o female senior engineering program manager for Apple who experienced a sudden onset of sx's after she moved into her apartment in Feb 2020.

These sx's largely resolved when she moved out in Sept 2020. Specifically, she was experiencing severe dizzy spells, a large decrease in resting heart rate, palpitations, hypotension, fatigue, chest pain, numbness, spasms, rash, shortness of breath, multiple growths (mole, polyp, nodules), nausea, paresthesias, blurry vision, abnormal vaginal bleeding, and swollen glands.

She also notes an unexplained episode of fainting at work in Sept 2019 at her office on a Superfund site with a long history of vapor intrusion issues in the building.

She states her apartment was built in an industrial area next to a the Synertek Superfund and next to Apple Materials Superfund and Intel Magnetics Superfund.

She also notes her current office is in TRW Microwave building on an EPA Superfund "Triple Site."

She has been seeing [REDACTED] and Dr. Kari Nadeau.

## WORK STATUS

She is currently working as a senior engineering program manager for Apple.

Previously she worked as a project manager for Apple from 2015 - 2017, a release and HR manager for Nike from 2012 - 2015, a project manager for Portland State University from 2011 - 2012, and other various jobs for a school district from 2000 - 2010.

## EXPOSURE HISTORY

The primary exposure associated with this diagnosis are environmental toxic substances.

Age Group	Percentage
18-24	10%
25-34	20%
35-44	30%
45-54	25%
55-64	15%
65-74	10%
75-84	5%
85+	2%

[REDACTED]

[REDACTED]

## REVIEW OF SYSTEMS

[REDACTED]

[REDACTED]

[REDACTED]

### 1. Exposure to environmental toxic substances

[REDACTED] is a 34 y/o female who experienced multiple symptoms for an 8 month period that began when she moved into her apartment and spontaneously resolved

when she moved out. She is currently in good health but is concerned about working around hazardous waste / toxic environmental chemicals and any long term health consequences from these exposures.

### **Human Exposure Environmental Indicator**

EPA categorizes each National Priorities List (NPL) and Superfund Alternative Approach (SAA) site as follows:

Human Exposure Under Control describes sites where EPA assessments indicate there are currently no unacceptable human exposure pathways anywhere on site. This is generally because either the entire site has been cleaned up to levels that do not adversely affect public health, or controls have been implemented that prevent human exposure to contamination.

Human Exposure Not Under Control describes sites that have not had pathways to human exposure to contamination completely controlled, mitigated or eliminated. This category includes sites where response actions are under way but are not yet complete.

Specifically, these are sites where:

- An unsafe level of contamination has been detected somewhere on site; and
- Contamination has not yet been fully treated, stabilized or contained across the entire site to prevent current human exposure; and
- Though there may not be any actual exposures occurring, there is potential for individuals to be exposed to the contamination somewhere within the site's boundaries.

Even if these conditions exist at a very small portion of the site, or advisory signs are posted, EPA will classify the site as Human Exposure Not Under Control until all potential exposures are addressed.

EPA's first priority is to ensure that effective measures are taken quickly to ensure people are not exposed to harmful contaminants. At many of these sites, substantial cleanup work has already been completed but some portion still poses potential risk. EPA categorizes these sites as Human Exposure Not Under Control until those portions are addressed.

EPA and other applicable federal agencies post warning signs, construct fences, and conduct outreach to communities to educate residents of the potential health risk.

Site Name - **TRW MICROWAVE, INC (BUILDING 825)**

Region - 9

City - Sunnyvale

State - California

Federal Facility Status - Non-Federal

NPL Status - Final

Human Exposure Status - Not under control

### *Human Exposure Status Description*

As of September 2020, the TRW Site is designated Human Exposure Not Under Control due to conditions at the off-property area associated with the site – the Offsite Operable Unit (OOU). The TRW site was transferred from the State back to EPA in August 2014, subsequent to which EPA ordered the Responsible Parties (RPs) to conduct vapor intrusion (VI) evaluations at on- and off-property buildings associated with the site to determine whether the vapor intrusion(VI) pathway for TCE is complete and whether a remedy is required. The on-property evaluation showed no evidence of unacceptable VI. The off-property evaluations are in progress and show evidence of unacceptable TCE VI in approximately 40 residential and 12 school buildings. Steps were taken to address the VI inhalation risks, including building ventilation improvements, operation of indoor air purifiers, installation of sub-slab and sub-membrane depressurization systems, and confirmatory sampling and long-term maintenance plans to confirm the continued effectiveness of mitigation measures. Additionally, residents, parents, school staff and school administrators were informed via fact sheets and community meetings. To address long-term risks, a framework for preemptive mitigation and post-response site controls was negotiated with the RPs, which was finalized in September 2019 in an ASAOC, to submit work plans to address risks in certain remaining residences above the groundwater contaminant plume and to ensure the long-term stewardship of the vapor mitigation measures put in place. As of August 2020, the VI work plans have been submitted and addressing the remaining residences and school buildings is moving forward.

Site Name - **INTEL MAGNETICS**

Region - 9

City - SANTA CLARA

State - California

Federal Facility Status - Non-Federal

NPL status - Final

Human Exposure Status - Under control

*Human Exposure Status Description*

Human exposure is under control at INTEL MAGNETICS

I spent a total of 60 minutes face-to-face with the patient and 40 minutes of that time was spent counseling regarding the prevention and treatment of toxic environmental substances.

**Patient was seen and examined with Dr. Harrison. The above note reflects our discussion.**

Signed,

**Darren Hall, DO, MPH**

**UCSF Occupational Medicine Resident**