

# Case Report of Users

Copyright: Da An Science and Technology Group Co., Ltd.

**File No.:** DACR220808A

**Date of Report:** 2022 08 08

**Date of Review:** 2023 02 18

**Title:**

## **Patient with Aortic Dissection at Risk of Death Post-Surgery Saved by D A Marine Mineral in Three Days**

### **1. Overview:**

On the evening of July 14, 2022, the patient was admitted to the cardiac intensive care unit due to chest pain and shock. A diagnosis of Stanford Type A aortic dissection (a severe cardiovascular emergency) was made, and the patient underwent descending aortic replacement surgery the following day. However, the patient's life indicators remained unstable after the surgery, and they were dependent on a ventilator for three days. The patient's liver, gallbladder, and kidneys were failing, and they were on the verge of death. With permission from the ICU attending physician, the patient began taking D A Marine Mineral for treatment. After three days, the patient's condition stabilized, and they were transferred to a regular ward. The patient's toe turned black due to a postoperative blood clot, but spraying and soaking with D A Marine Mineral saved the toe from amputation. The patient was discharged two weeks later.

### **2. User Information:** (Part of the information is not displayed publicly to protect the user's privacy)

User: Mr. Li

Year of Birth: 1969

Contact Information: Phone: 13998612185 Email: [tongxiaoyandl@outlook.com](mailto:tongxiaoyandl@outlook.com)

Address: No. XX, Guanshi Road, Jinshitan, Jinpu New District, Dalian City, Liaoning Province

# Case Report of Users

Copyright: Da An Science and Technology Group Co., Ltd.

## 3. Medical History before Using D A Marine Mineral:

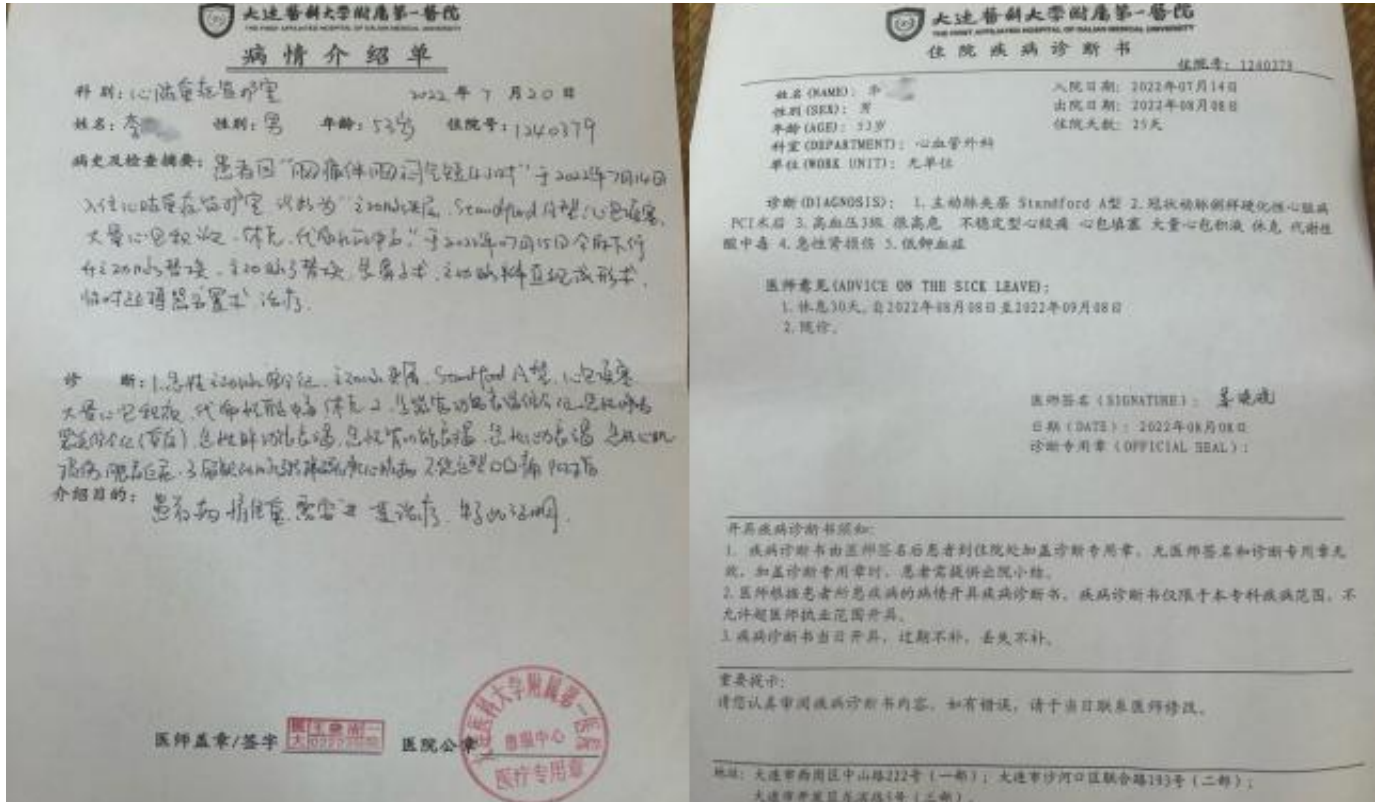
Acute severe illness

## 4. User's Condition and Objective Medical Evidence before Using D A Marine Mineral:

### User's Condition:

Aortic dissection (AD) is a serious cardiovascular emergency. It occurs when a tear develops in the inner lining of the aorta, allowing blood to enter the arterial wall, forming a false lumen. The dissection can extend and separate the layers of the aorta, causing the false lumen to expand, and can lead to complications such as rupture, malperfusion of organs, and other serious consequences. The mortality rate in the first 24 hours is as high as 25%, and the mortality rate increases by 1% per hour. The patient had a postoperative blood clot in the lower extremities, causing some toes to turn black. Medical consultation concluded that the affected toes needed to be amputated once the patient's vital signs were stable.

### Medical Test Report:



# Case Report of Users

Copyright: Da An Science and Technology Group Co., Ltd.

## 5. Description of the patient's use of D A Marine Mineral products (product used, dosage, administration, duration):

**A:** In the initial stage, the patient received emergency high-dose treatment with "D A Marine Mineral Drops" in the ICU. The recommended dosage was 30mL per administration, three times a day for three consecutive days.

**B:** To address the issue of blackening of the patient's toes, external spray treatment was administered in the ICU using "D A Marine Mineral Body Spray". The affected area was kept moist by continuous spraying. After being transferred to a regular hospital room, the patient started soaking their toes in D A Marine Mineral Drops three times a day, for 15 minutes each time. The recovery effect was more pronounced using this method.

**Note:** During the use of D A Marine Mineral products, the patient did not receive any other health therapy except for daily prescriptions of postoperative anti-inflammatory and pain relief medication prescribed by the doctor.

# Case Report of Users

Copyright: Da An Science and Technology Group Co., Ltd.

## 6. Comparison results after use

### A- The narrow escape from death



**Jul. 28, 2022**

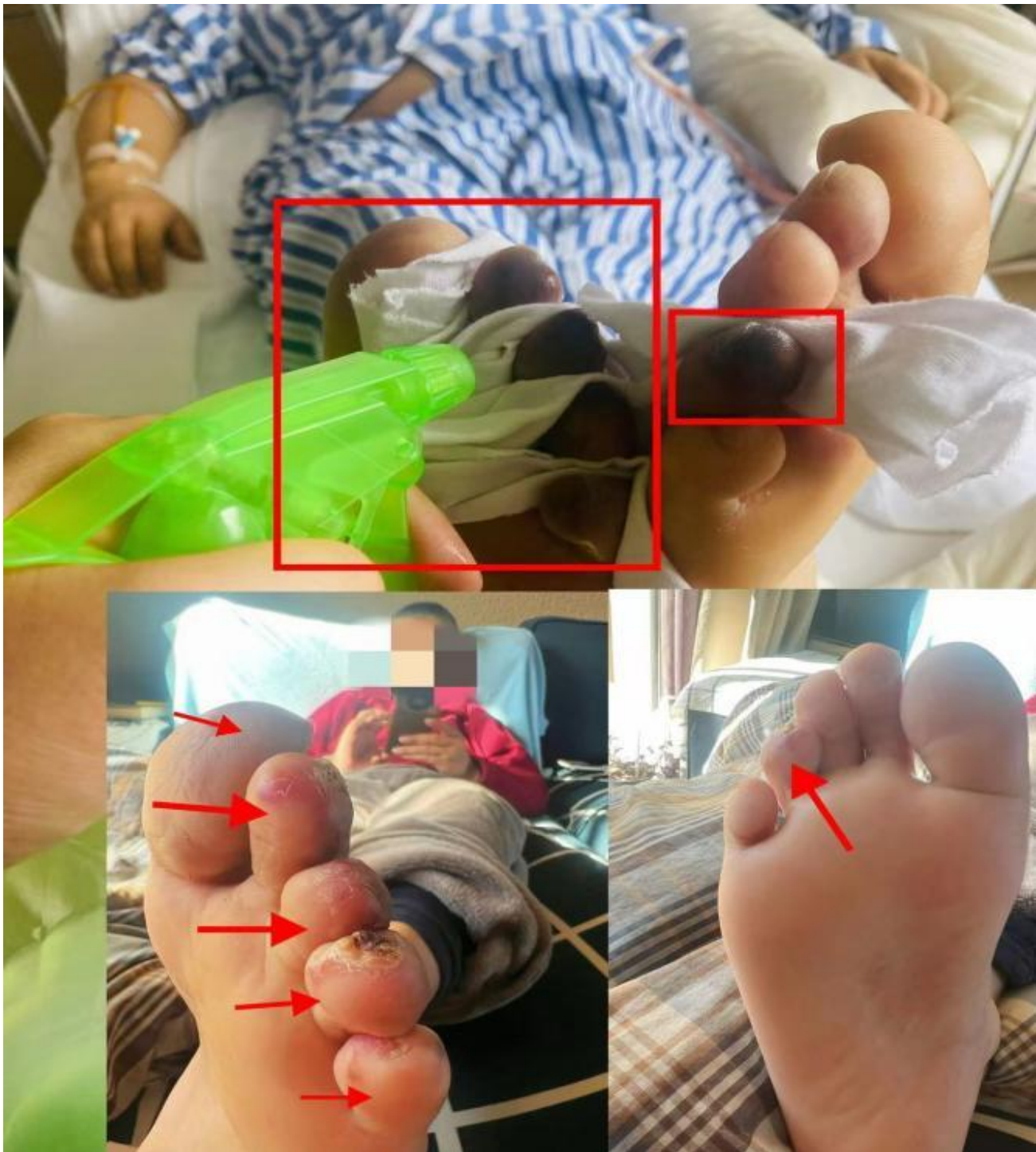


**Jul. 29, 2022**

# Case Report of Users

Copyright: Da An Science and Technology Group Co., Ltd.

## B- Toe saved in August, 2022




(Currently recovering)

# Case Report of Users

Copyright: Da An Science and Technology Group Co., Ltd.

## Objective medical report (Hospital's discharge summary):

 **大连医科大学附属第一医院**  
THE FIRST AFFILIATED HOSPITAL OF DALIAN MEDICAL UNIVERSITY

**出院记录**

姓名: 李  
病房: 心血管外科  
住院号: 1240379

入院日期: 2022年07月14日  
出院日期: 2022年08月08日  
住院天数: 25天

姓名: 李  
性别: 男  
年龄: 53岁

入院情况: 因胸痛伴胸闷气短4小时。入院。T: 36.0℃ P: 81次/分 R: 18次/分 Bp: 右上肢85/62mmHg 左上肢81/66mmHg 右下肢94/51mmHg 左下肢89/55mmHg。神清, 懒言, 问答合理。一般状况差, 口唇无紫绀, 双肺未闻及明显干湿啰音, 心脏各瓣膜听诊区未闻及明显杂音, 心音遥远, 腹软, 无压痛、反跳痛及肌紧张。双下肢无水肿。主动脉CTA、肺动脉CTA; 口头报告为主动脉夹层A型

入院诊断: 1. 主动脉夹层 2. 冠状动脉粥样硬化性心脏病 PCI术后 3. 高血压3级 很高危 Stanford A型 不稳定型心绞痛 心包填塞 大量心包积液 休克 代谢性酸中毒 4. 急性肾损伤 5. 低钾血症

诊疗经过: 患者入院后予重症监护, 心脏彩超: LVEF 59%, 左室壁肥厚, 主动脉瓣轻度关闭不全, 升主动脉夹层, 中大等量心包积液, 当夜超声引导下心包穿刺引流术。2022-7-15日间全麻下行升主动脉替换、主动脉弓替换, 象鼻子术, 主动静脉瓣直视成形术、临时起搏器安置术, 术后合并ARDS及房颤, 予以呼吸机辅助相关治疗缓解, 术后复查指标良好。

出院情况: 一般情况良好, 无发热, 无手术切口愈合良好, 双下肢部分足趾黑。

出院诊断: 1. 主动脉夹层 2. 冠状动脉粥样硬化性心脏病 PCI术后 3. 高血压3级 很高危 Stanford A型 不稳定型心绞痛 心包填塞 大量心包积液 休克 代谢性酸中毒 4. 急性肾损伤 5. 低钾血症

出院医嘱: 1. 注意休息及营养。  
2. 继续控制血压心率, 预防应激性溃疡, 改善足趾血运, 定期复查血细胞分析, 电解质等生化指标。  
3. 我科及血管外科门诊随诊。

记录者: 姜晓晓

---

地址: 大连市西岗区中山路222号(长春路院区); 大连市沙河口区联合路193号(联合路院区);  
大连市开发区龙滨路5号(金普新区)。  
医院总机: 0411-83635963 预约挂号电话: 0411-83637363; 83635963-3281 网址: www.dmu-1.com

# Case Report of Users

Copyright: Da An Science and Technology Group Co., Ltd.

## User family's Statement:

The illness came suddenly and fiercely, it was very serious. Emergency surgery saved half of the patient's life, but they continued to be in danger with consistently low vital signs, fever, organ failure, and inability to be taken off the respirator. When the doctors declared that there was no solution, the family was almost hopeless! In this critical situation, the D A Marine Mineral saved the other half of the patient's life. The postoperative infection was controlled, the organ functions recovered, and the vital signs stabilized. The doctors were also surprised and took photos for internal research records. After being transferred to a general ward, when our family members had just started to relax, we found that six toes had turned black and were tending towards necrosis due to postoperative blood clots. The doctor suggested that the toes should be amputated later on, and we felt deeply dejected again, not wanting limb disability to be the outcome. However, through the external spray and soaking treatment of the D A Marine Mineral, the toes were saved, and the progression of necrosis was slowed.

Currently, seven months later, the blackened parts on the tips of the three toes have shown new vitality. The patient's physical condition is currently good.



Above photo taken on Feb. 18, 2023 when case was reviewed.

# Case Report of Users

Copyright: Da An Science and Technology Group Co., Ltd.

## 7. Summary:

The indicators in this case are applicable for reference during the critical period, promoting the comprehensive balance of the internal environment of the human body, and improving the cellular environment, which has a significant therapeutic effect on the recovery of life indicators and postoperative anti-infection. At the same time, bath therapy is applicable to peripheral thrombosis necrosis (suitable for patients with diabetes syndrome). Timely external spraying and bath therapy can promote regeneration and prevent later amputation.

### Disclaimer:

- The case reports are all true and objectively recorded.
- D A Marine Mineral is a health supplement, not a drug, that can promote physical health, but it should not be referred to as a medical treatment.
- This report is for internal reference, study, and research purposes only.
- If you need treatment guidance, please consult your doctor or go to the hospital for medical treatment.