

## Progress Report Overview

**Student:** Isabella Cambra

**Activity:** Mark Bard

**Start Time:** 02/15/2021 21:01:58

**End Time:** 02/21/2021 15:55:34

**Total Time:** 28:54:11

### Actions

Note at 02/21/2021 15:55:11

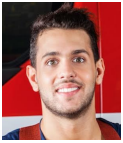
Lab test at 02/14/2021 10:15:55

# Mark Bard Documentation



Student: Isabella Cambra  
Activity Start: 02/15/2021 21:01:58  
Activity Completion: 02/21/2021 15:55:34  
Activity Completion: 28:54:11

## Patient Data



**Patient:** Mark Bard  
**Age/Sex:** 32 yo M  
**Location:** General Hospital

**DOB:** 10/15/1988  
**MR#:** 62591  
**Admit Date:** 02/15/2021

## Notes

Note at 02/19/2021 18:25:24

### ADIME Note

#### Basic Information

**Date:**

02/19/2021 18:25:24

**Author:**

Isabella Cambra

**Location:**

General Hospital

**Patient name:**

Mark Bard

**Date:**

2/18/1021

#### Assessment

**Diagnosis:**

Pt admitted 10 days ago in critical condition R/T 30% TBSA from chemical injury. He is now 15% TBSAB. MD ordered consult to assess adequacy of TF diet and formula.

**Age:**

32 yo

**Gender:**

Male

**Race:**

White

**Ethnicity:**

Caucasian

**Client History**

**Medical diagnoses:**

New onset dx superficial and deep partial-thickness burns of the second degree. 15% TBSAB.

**Social history:**

Pt is an industrial chemist. He lives alone in the area, per a fellow coworker. His parents are both living but their health status is unknown.

**Current medications:**

**Nutrition-related medications:**

Famotidine: 0.4 mg/mL dose: 20 mg  
Aluminum Hydroxide- 80 mg/mL: dose: 4 mL every 2 hrs

**Anthropometric history**

**Height:**

177.8 cm

**Weight at admission:**

74.8 kg (165 lb)

**Current Weight:**

70 kg (154 lb)

**BMI:**

22.1 kg/m<sup>2</sup>, normal

**% Weight change:**

6% decrease

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**IBW:**

75.5 kg

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**% IBW:**

92.7%

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**Weight assessment:**

Pt shows severe weight decrease (6% ) in 10 days R/T severe burns/ catabolism and inadequate nutrition support from TF.

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**Biochemical history, medical tests, labs, and procedures:**

Albumin, Serum :3.3g/dL (L)  
Protein, Total, Serum :6.1g/dL (H)  
ALT (SGPT) :33IU/L (H)  
AST (SGOT) :42IU/L (H)  
BUN :30mg/dL (H)

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**Nutrition Focused Physical Exam**

**Skin Assessment**

Wound

**Feeding Ability**

Total dependence

**Oral Motor**

Intact

Other

**Muscle and fat store assessment:**

Evident of muscle and fat store depletion due to recent wt loss and negative nitrogen balance.

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**If other, please explain:**

Pt was eating 100 kcals PO but has a poor appetite and does not want to continue due to pain.

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**Food and Nutrition History**

**Current diet order:**

Jevity 1.2 @ 60 ml/hr x 24hrs, plus PO intake as tolerated

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**Assessment of current intake:**

Jevity formula is providing 1728 kcals/day, 79.92 g protein, and 1162.08 ml water/day.  
Nursing I/O's indicate that the full TF volume is being delivered each day for the last 3 days.  
Pt was eating an additional 100 kcals PO but does not want to continue due to pain.  
Pt is not currently meeting estimated needs through current order. Only about 70% of estimated kcal needs, 76% protein needs, and 50% of fluid needs.

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**Food allergies and intolerances:**

NKA

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**Assessment of Nutritional Status/Nutrition Risk**

Moderate malnutrition

**Malnutrition criteria met per current malnutrition guidelines:**

Weight loss >2% in 1 wk.  
Energy intake <75% in >7 days.

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Decreased energy intake

**Specify:**

Pt estimated needs are 2115--2585 kcal/day, and current TF only supports 1728 kcal/day, only about 70% of estimated energy needs.

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Weight loss

**Specify:**

Pt showed severe weight decrease (6%) in 10 days, admitted at 74.8 kg and current weight is 70 kg.

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**Nutrition Recommendations**

**kcal/day based on:**

Curreri Formula: 15 %TBSA  
2350 kcal/day  
Range: 2115--2585 kcal/day

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**g protein/day based on:**

1.5-2.0g/kg/d \* 70 kg= 105g--140g pro/d

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**mL fluid/day based on:**

1 mL/kcal= 2350 mL fluid/day  
Range= 2350 --2585 mL fluid/day

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**Nutrition assessment summary:**

Pt receiving Jevity 1.2 @ 60 ml/hr x 24hrs, plus PO intake as tolerated via nasoduodenal tube.  
TF not currently meeting estimated energy needs.

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**Diagnosis**

**Nutrition Diagnosis:**

Inadequate enteral nutrition infusion (NI-2.3)

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**PES Statement:**

Inadequate enteral nutrition infusion (NI-2.3) r/t insufficient energy intake AEB EN intake indicates only about 70% of estimated kcal needs, wt. loss of 6% in last 10 days (severe, unintended wt loss), and values indicate negative nitrogen balance (-12.3 g N/d), albumin 3.3 g/dL (L), and prealbumin 8mg/dL (L).

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**Nutrition Intervention**

**Nutrition prescription:**

To prevent further wt loss and promote wound healing by providing adequate nutrition support to meet pt needs.

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**Food and nutrition delivery:**

New diet Rx: enteral nutrition formula delivered ND tube (FH-1.3.11).

EN Order: Jevity 1.2 @ 85 ml/hr x 24hrs, plus PO intake as tolerated.

Start at current 60 mL/ hr and increase rate by 5mL q 3hrs to goal rate of 85mL/ hr x 24hrs.

100mL free water flush q 3 hrs for total free water of 2446 mL in formula and flushes.

Total volume of Jevity provides 2448 kcals, 113 g pro, 1646 mL free water, 2446 mL total free water with flushes.

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**Nutrition education:**

F/U in 1 wk to assess pt readiness to discuss nutrition education.

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**Monitoring and Evaluation**

**Food and nutrient intake:**

Monitor total energy intake (FH-1.1.1.1) and enteral nutrition formula/solution (FH-1.3.1.1) 1x/wk.

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**Anthropometric measurements**

Monitor Weight (AD-1.1.2) and weight change (AD-1.1.4) for pt 1x/wk.

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**Biochemical data:**

Monitor albumin (BD-1.11.1), prealbumin (BD-1.11.2), alanine aminotransferase, ALT (BD-1.4.2), aspartate aminotransferase, AST (BD-1.4.3), and BUN (BD-1.2.1) for pt 1x/wk.

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**Nutrition focused physical findings:**

Monitor skin- burn wound healing on face, forearms and hands, trunk, arms, and back (PD-1.1.8).

Nasoduodenal tube placed w/ tip past the ligament of Trietz.

F/U 1 wk in clinic

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**Signature/credential/date:**

ISABELLA CAMBRA/Clinical Nutrition Student/ 2/21

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Lab at 02/14/2021 10:15

ABGs					
LAB TEST	VALUE	UNIT	ABNORMAL FLAG	REF RANGE	
PaO2	70	mmHg	Low	75 - 100	
PaCO2	53	mmHg	High	38 - 42	
pH	7.29		Low	7.38 - 7.42	
SaO2	88	%	Low	94 - 100	
HCO3	24	mEq/L		22 - 28	

Complete Metabolic Panel					
LAB TEST	VALUE	UNIT	ABNORMAL FLAG	REF RANGE	
Glucose, Serum	168	mg/dL	High	70-115 mg/dL	
BUN	30	mg/dL	High	8-25 mg/dL	
Creatinine, Serum	1.0	mg/dL		0.6-1.5 mg/dL	
Sodium, Serum	130	mEq/L	Low	135-145 mEq/L	
Potassium, Serum	3.1	mEq/L	Low	3.5-5.0 mEq/L	
Chloride, Serum	110	mEq/L	High	98-107 mEq/L	
Carbon Dioxide, Total	31	mEq/L	High	22-29 mEq/L	
Calcium, Serum	8.3	mg/dL	Low	8.6-10.2 mg/dL	
Albumin, Serum	3.3	g/dL		3.2-5.2 g/dL	
Protein, Total, Serum	6.1	g/dL	High	3.6-4.8 g/dL	
Alkaline Phosphatase, Serum	117	IU/L		39-117 IU/L	
ALT (SGPT)	33	IU/L		4-40 IU/L	
AST (SGOT)	42	IU/L	High	4-37 IU/L	

CBC with Differential					
LAB TEST	VALUE	UNIT	ABNORMAL FLAG	REF RANGE	
Hemoglobin	14	g/dl		13.5 - 16.5	
Hematocrit	43	%		41 - 50	
RBC's	6.0	ml	High	4.5 - 5.5	



LAB TEST	VALUE	UNIT	ABNORMAL FLAG	REF RANGE
MCV	90	fL		80 - 100
MCH	30	pg		26 - 34
MCHC	37	%		31 - 37
Platelet count	400,000			100,000 to 450,000
WBC	3,000	cells/ml		4,500 - 10,000

Blood Type & Crossmatch				
LAB TEST	VALUE	DESCRIPTION		
Blood Type	B			
Rh	Positive			

Coagulation Screen				
LAB TEST	VALUE	UNIT	ABNORMAL FLAG	REF RANGE
Bleeding Time	190	sec		180-570
Prothrombin Time	12	sec		10-13
PTT	26	sec		22-37

Other labs				
LAB TEST	VALUE	UNIT	ABNORMAL FLAG	REF RANGE
Carboxyhemoglobin (carbon monoxide)	22			
Lactate (lactic acid)	1.0	mmol/L		