

Table 1
Composition of non-urban vegetative drifts in the main site up to 10 cm.

| Enhançente A) | | Standards(dB) |
|---|--------------------|--|
| Ener(gycal) | 200 | 200 |
| Protg%TE% | 10g / 2% | 10g / 2% |
| (ingrediente s) wh p y o t(e6%) , caseinat e vegetabl e prot(e25%) protein) | | (caseinat e vegetabl e prot(e25%) protein) |
| • L - Leucine | • 1 . g | • 0 . g |
| Carbohydrat e% | 20g / 3 % | 18.g2 4% |
| (ingrediente s)dextaminal todext (man) todextrin) | | |
| • 2 . g | | • 2 . g |
| Sugars | | |
| Fat / TE% | 8 . g / 3 % | 5 g / 3% |
| (ingrediente s)EV Odan nolimC Tand f shil) | | (canola oil dig h - oil esin f oxielr) |
| • SFA | • 10 . %9 | • 4 . % |
| MUFA | • 18 . %6 | • 19 . %1 |
| PUMA | • 9 . % | • 6 . % |
| • EPA & DHA | 75 mg | • - |
| FibraTE% | 1 . g / 1 %8 | 1 . g / 1 %5 |
| (ingrediente s) glucans) | (F Ock a e b aard | (F Ock a e b aard) |
| 10% soluble | | 6% sol u-b4 0% |
| Osmolality/1420 | | non-soluble |

EVO@:x tvriar g! hovi d! OS:r uct ool i g
tri g! yM!F And ejo uns a f a ita ct y Ed S
men R U F A oly uns aftau tay Sd E a tu r u
f or m U E @ p e r c e @ ft a g e n e r g y .
A :B i all i s@ Adve r phia a Smal s pain .
B :B id on t2r. @QIa d v e r phia a Smal s pain .

a c c o r d v i a r t t h e u r o p S e o a n i f e o t r y i n N u c t a r i a t n i M e n t a
b o l i (S E R P E N) de (A i r m e e s t a s 2 0) 7

R a n d o m i z a t i o n p r o c e s s e s a r g u m b t a b b y h i e n d i v i d u a l s p o n f s c i t b h l s e t u s d y t a t i a n t a l c y s a i c h a t i e r e c e a p a r e d t i a u p a t e h a s s i g h e n t h e r a s p e c a i r f n a t o r e c e d n e u t r i f i o s m a l h a n o t h e n h a o c s e t d a n d O N S) .

2. Sıt a t iasntail cyasli s

To calculate the probability of a patient experiencing at least one adverse event, we used the following formula:

$$P(\text{at least one adverse event}) = 1 - P(\text{no adverse events})$$
$$= 1 - \left(1 - \frac{1}{n}\right)^n$$
$$= 1 - \left(1 - \frac{1}{200}\right)^{200}$$
$$\approx 0.05$$

The state is still growing as it rooves in the P S255 project (BMT) which includes modernization of the system to handle quantified traffic at bell standard mail standards. The system will be a real press media and standard data exchange system. It is intended to be set up in stages and the first stage will be completed in 1995. The second stage will be completed in 1997.

Qualitative variables presented below are measured percentages. The following table shows the percentage of each characteristic present in the sample.

Ethiopia oval

A l p r o c e d u r e s a n d u i c t e d o r d u r t t h e e t h i s d a i l y
d a r a d f h i e n s t i t r u d s w a n d m i f t b a n i v e H s e s -
p i t(aD o G G 5 8 u l 2 y 2 0 1 9 a) n d v i t t h e 9 6 D e c l a r a c t
H e l s i a m k d i t l s a t e m e n d m e W r i s t . i t a n o r m a n d s w a \$

o b t a i f m e a d h i l n d i v p o a d r u t a i l c i i n p c a l n u t d s h e s t u d y .

A l p a t i w e n t i f o r r i f h a d e o n d i f t ö p o a n r s t i c i p a n t e i o n s t u a d n y a g r e ö p d a r t i a f b s a i t g e n a i r i n g f o r c r o n d s f e a r t m.

3. Results

3. Start up population

The wernedifferebentwesenttervgemtupherms
ofde mograhairactetokhsatibittsmdypteuemsitage,
tumekternte, atane ditthoerncomditsaen(sak)e

3. Nutrition has

It has been shown above, as seems appropriate when one considers the whole history of the last century, that the results of research in the field of education have been very meager. The following table gives a summary of the results of research in education during the past ten years.

Att hen døft he utri ti ind rear lv pøt i tode wæ
 r e d u c t i h pør r c e o p a g è w i n t h v m a b n u t (S G A -G)
 ei n h ør o t h p a t c e t h e n d h a n C N e S d y t h e p a e t i g m i n g
 rodt døc l a s s a i s f G e A d o B v s G A -L A I . k e w i h s e t a n O N S d
 g r o h p a l s m a l r leedru ci t h i h pør r c e o p a g è c l a s s a i s f e d
 S G A a B d , a l e s s e x t r s G T A , -N G e v e r t h a e l a è g t z h i e d s e t a
 a c c o r t d d i m e g a t g r e a n d t i p d o y t i e s l i d g n i d i c f a f n è r w è t b è s
 t h e n h a n C N e S d r o (p=0. 4 46t) h s e t a n O N S d r o (p=0.
 1 70) o b n a s e t d h e n d f h i e n t e r v æ m t h e v e r n e o
 s i g n i d i c f a f n è b e n o v e s i a n t e r v g m d (p=0. 1 3A7t).
 t h e n d f o l l o 2V 1 64p, f h p e a t i e m h e n h a n C N e S d r o u p
 n' t h e r c e l a s s a i s f G e A d o B m p a t o d n e o f h o t s r e e a n t i e t s h a n
 d a r O N S p = 0. 0 7F1) 2).

d Af ttehien ter vwaand rompl æ thædt i wħmt es c eit h e d
en ha nQNeSd h o waetde n d et roceyt d d m obiordwe i għi/t 1
[65 . (116 . k1għi) 6 . (4146 . k4għi)] = 0 . 0 9 1 n] d. etehdew aea n
i n c r ē abso dye i goħbts e rbw tiek id en d ft h fe o l l opwe ruipo d
c o m p atræsd i dgħix tr ē b so dye i għi hħset a n QM qid ou p
[1 . (342 . D għi)s - 0 . 5 12 . 7 4p] = 0 . 1 0 4 1] t, h d il qid ls sfferen
wa ost at i ssiġġa l fil dyar m' teħred i f f eir et roeħ her
a n tħrop or mei t (b'ebbe)

Regard hängig boso dcoympo s(Tibib)ni twa ob served
that he was great in the eyes of all who saw him and he was
more popular than any other teacher in that town.
(4. & \$0). Q. 4. K. 5p = 0. 01T4h) ii. in crie onsi es ontaewas
in the first at each day in the morning he recited (Tibib) e

Regardib oghemárcia tbpear, a meáthair síd i mbastH dse gní f banté b eindft hientiv p e n t i mba dha \$ € s dli f a l e we ndeetse w b e d o m p a t h r e e g s a l c t o r d i n g t Q N S r o (T a b 5) e

At the beginning of the year, we focused on the following areas:

- Improving communication and coordination between different departments.
- Developing a more efficient workflow for project management.
- Ensuring timely delivery of projects while maintaining quality standards.
- Identifying opportunities for cost reduction and efficiency gains.
- Establishing clear performance metrics and accountability for all team members.

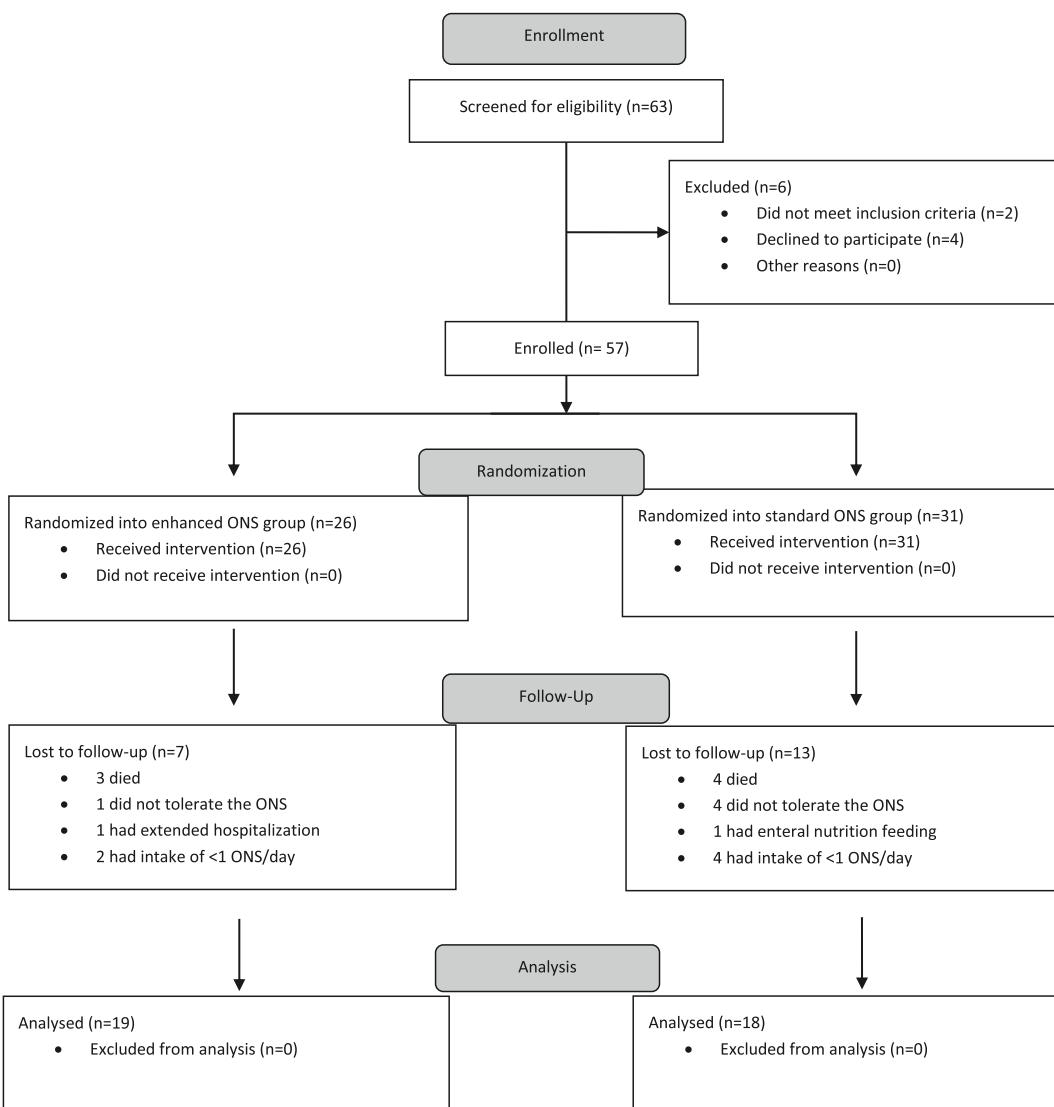


Figure Flow diagram of the study protocol.

enhanced ONS ($n=26$) and standard ONS ($n=31$) groups. The mean age was 69 years (range 20–92 years), and the median APACHE II score was 11 (range 0–25). The baseline characteristics of the two groups were similar (Table 1).

At the first visit, the mean daily energy intake was 1000 kcal (range 400–1800 kcal) in the enhanced ONS group and 900 kcal (range 400–1500 kcal) in the standard ONS group ($p=0.005$). At discharge, the mean daily energy intake increased to 1200 kcal (range 500–1800 kcal) in the enhanced ONS group and 1100 kcal (range 500–1600 kcal) in the standard ONS group ($p=0.001$). The mean daily protein intake increased from 0.8 g/kg/day (range 0.5–1.2 g/kg/day) at admission to 1.0 g/kg/day (range 0.7–1.3 g/kg/day) at discharge in both groups ($p<0.001$).

Final dietary energy intake was significantly higher in the enhanced ONS group than in the standard ONS group ($p=0.001$), and the mean daily protein intake was also higher in the enhanced ONS group than in the standard ONS group ($p=0.001$).

4. Discussion

Specific nutritional interventions may improve the nutritional status of patients with chronic heart failure. In this study, we found that a diet rich in protein and energy, with a low carbohydrate content, improves nutritional status in patients with chronic heart failure. This study has several strengths. First, it is a randomized controlled trial with a large sample size. Second, it includes patients with different levels of functional capacity, which is representative of the clinical reality. Third, it uses a validated questionnaire to assess nutritional status, and the results are comparable with those of other studies. However, there are also some limitations. First, the study was conducted in a single center, so the results may not be generalizable to other settings. Second, the study did not measure the effect of the intervention on other outcomes, such as quality of life or hospitalizations. Third, the study did not measure the effect of the intervention on mortality, which is the primary outcome of interest in heart failure.

Table I indicates the main morphographical features.

| | E n h a n c e d s t a n d a r d O N S | O N S (n= 2 6) | O N S (n= 3 1) | |
|---|--|---------------------|---------------------|---------------|
| A g e y e a (r m s e) & D)) | 6 5 . (1 8 . 2 %) 2 | 9 0 | 0 . 4 2 7 | (1 2 . 1 6) |
| S e x (f e m a l e) | 1 0 (3 8 %) 5 | 1 0 (3 2 %) 3 | 0 . 8 0 5 | |
| A l c o h o l | 3 (1 1 %) 5 | 9 (2 %) | 0 . 1 0 7 | |
| T o b a c c o | 3 (1 1 %) 5 | 4 (1 2 %) 9 | 0 . 8 7 6 | |
| T u m o r p e | | | | 0 . 1 4 4 |
| H e a d n e c k | 1 (3 %) 8 | 3 (9 %) 7 | | |
| U p p e r g e s t r i a (o r g a n s o f h a n g l u s) | 4 (1 5 %) 4 | 4 (1 2 %) 9 | | |
| s t o m a c h) | 1 (3 %) 8 | 8 (2 5 %) 8 | | |
| L o w d r i g e s t r i a (o r g a n s o f h a n g l u s) | 4 (1 2 %) 9 | | | |
| I a r i g n e s t i n e) | 0 (%) | 1 (3 %) 2 | | |
| P a n c r e a s | 8 (3 0 %) 8 | 7 (2 2 %) 6 | | |
| L i v e r | 2 (7 %) 7 | 0 (0 %) | | |
| L u n g | 4 (1 5 %) 4 | 2 (6 %) 5 | | |
| G y n e c o l (o b g r e a s a l t r , y) | 5 (1 9 %) 2 | 2 (6 %) 5 | | |
| U r o l o g i c a (p d r o s , k a t i t e y) | | | | |
| O t h e r h y m e i u d , o e n d o c r i n e , | | | | |
| I l y m p h o m a r s c o m a l s a n c r a .) | | | | |
| S t a g e | | | | 0 . 6 6 5 |
| I | 0 (0 %) | 1 (2 %) 2 | | |
| II | 5 (2 %) | 4 (1 %) | | |
| III | 5 (2 %) | 5 (2 %) | | |
| IV | 1 0 (5 %) | 1 5 (6 %) | | |
| E x t e n t | | | | 0 . 6 9 6 |
| I n v a s i o n | 4 (1 %) | 4 (1 4 %) 8 | | |
| M e t a s t a s i s | 1 7 (8 %) | 2 3 (8 5 %) 2 | | |
| P r e v i o u s s u r g e r y | 1 1 (4 2 %) 3 | 1 1 (3 5 %) 5 | 0 . 5 9 8 | |
| A c t i v e d a t e a m e n t | 2 5 (9 6 %) 2 | 3 0 (9 6 %) 8 | 0 . 8 9 9 | |
| C h e m o t h e r a p y | 1 4 (5 3 %) 8 | 1 4 (5 7 %) 1 | | |
| R a d i o t h e r a p y | 1 (3 %) 8 | 0 (0 %) | | |
| I m m u n o t h e r a p y | 4 (1 5 %) 4 | 2 (7 %) | | |
| C o m b i n e d | 7 (2 6 %) 9 | 1 0 (3 5 %) 7 | | |
| C o n c o m i t a n t s | | | | 0 . 5 3 7 |
| D M | 3 (1 1 %) 5 | 4 (1 2 %) 9 | | |
| H T | 1 0 (3 8 %) 5 | 1 3 (4 1 %) 9 | | |
| D y s l i p i d e m i a | 5 (1 9 %) 2 | 7 (2 2 %) 6 | | |
| C O P D | 2 (7 %) 7 | 6 (1 9 %) 4 | | |
| G a s t r o i n t e s t i n a l | 3 (1 1 %) 5 | 3 (9 %) 7 | | |
| T h y r o i d i s e a s e | 7 (2 %) | 4 (1 2 %) 9 | | |
| O t h e r i s e a s e s | 1 8 (6 9 %) 2 | 1 7 (5 4 %) 8 | | |

C O P D : h r o n b s t r u c t u r a l i s y e M d j a b e n e b s i H f f b y ,
p e r t e r o N i S o m a n u r i t s u p p h e m e n t .

s p e c i f t h a i d n l c y r , è a m u s e c m a e s i s p a t i v l m d r s c e i t h e d e n h a n C o N e S o l a y n o d n l b y p r o m o b t y r d e g a n B d o k u t l , b y t h a d e q u s a u t p e l l p y r o t w e i t a n h i d p h i o l o v g a l c t u h d a b m e s

fronth eaysve la b r a n c h e d m i l a i s d u s a t s e u c w h m i e c h
c a n l \$ e a d h e y e l o o p f i n e r s t o n a e s (s i e le a h 2021)

Number of subjects advised versus those receiving treatment
at different times up to 1 year after diagnosis. The figure shows that the number of patients receiving treatment increased over time, reaching approximately 80% by 2019.

Regardé un peu le meilleur parti en termes d'occurrence et de rentabilité des deux types de sociétés. Les sociétés cotées sont les plus rentables, mais elles sont également les plus risquées. Les sociétés privées sont moins rentables mais moins risquées. Cela signifie que si vous investissez dans une société privée, vous devrez probablement prendre plus de risques pour obtenir les mêmes rendements que dans une société cotée.

Re g a r d l i f f e u g n c t s to a n d Q o l e v a l u a i t t h E C O G
s c a d r e e , d u c i t h i h o n u m b o e p a t i e n t h o s s t e v e a e g o r y
w a s o b s e r v e s p e c i i a p l a t y w h t b a n c v e h r o e c e e i t w e d
e n h a n C N e S B t u d t i h e l a h c l r u e d s e o l n t h e e l a t i b o e n t w e i e p n
n u t r i s t a a n d u n c t s to a n t a s t i w i n t h a n o n e a s u r e d
wi t t h E C O G c a a r e e m y e c e A n 2 t Q 2 0 b s e r v a s t i u d y a l
S a n t e d a l d e t e a p e d i c o r v e l b a t t i w a t h e i a g n o o f s i s
m a l n u t a h t i c o m o n t h E C O G c a i l r p a t i w h t b a n c e r ,
r e g a r d l i f f e r s l o c a (S a i o n @ \$ 2 0) N o s t u d i e s e o u n d
w h i e b a l u t a h t e m b a d f u t r i s u p p o r t h E C O G c a d e ,
f e a t w h r i e c b a c o n s i d e r e d a t h t s u d y .

O t h e r a i s n t r e n o g f t h i s s u i d c l i u t d s a n d o m d a e l l , e - b l i m d l t i c c e n t n e i r c i d a l s i T g h n i s s u t d y p e f e x t r a o r d i n a r n y e t h o d o l q a g i l d i v i t l y o v a s n a i n t a t i h n r e o d u g t h o e u t s t u s d c o n d a t a t p l a r t i c s p A b n i s o n g h e t e w o a r s t p h e y s t t h a t s e t a n @ n s d o r m w a t s o c a a l n d r s i o n i t r t o d y b e o u s e n h a n C N e s d o r m u h i s l b v e s v a l u a t h i e n p g a d d i t i e t h p e a r a m e s t t e u r d i o c d h l i y t e r o n s a l c a m i d e o t i e n t h a k e , b u t l s i o n t e r o n s p e c i c b m p o n s a t a s p r o t o p u a n l i t y , i n c r e a s e u c d e x t r i a r o l l n o i e t n o m e q a f r 3 f m s b i l l .

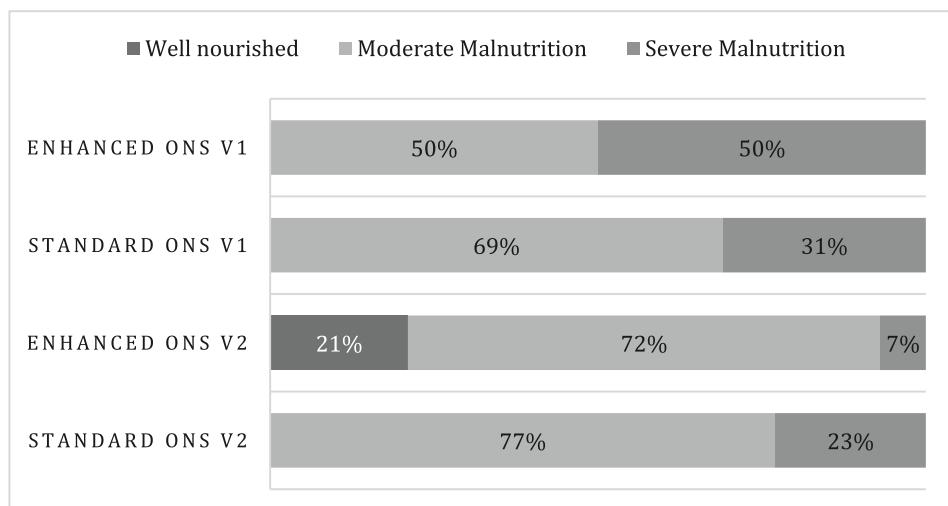


Fig. 2. Evolution of the relationship between the mean number of tritium ions per molecule.

T a b B e

Chang'an through the railroads and waterways to the west along the Silk Road (the ancient trade route).

| | Enhanced | | | Standard | | | p (two-tailed) |
|---------------------------|--|------------------|-------------|---|----|-------------|----------------|
| | V1 | V2 | Differences | V1 | V2 | Differences | |
| Usual (kg) | 78. (321. 19) | - | | 76. (484. 56) | - | | - |
| Weighments (kg) | 75. (168. 95) | | | 73. (315. 13) | - | | |
| Weight (kg) | 65. (126. 146. 6) (416. 47) .32 (4. 01) | | | 65. (73. 1) 65. (192. 2) -0. 51 (2. 74) | | | 0. 104 |
| Weight (%) | -12. (95. 78) | - | | 10. (24. 61) | - | | - |
| Height (cm) | 1. (48. 08) | - | | 1. (45. 1) | - | | - |
| BMI (kg/m ²) | 23. (65. 49) 24. (15. 9) | 0. 49 (1. 45) | | 23. (79. 86) 23. (95. 89) 0. 17 (1. 6) | | | 0. 534 |
| Midrib circumference | 25. (64. 76) 26. (54. 26) 0. 91 (2. 49) | | | 26. (62. 11) 26. (73. 87) 0. 12 (2. 5) | | | 0. 336 |
| Triceps skinfold | 9. (45. 48) 9. (75. 44) | 0. 31 (2. 59) | | 11. (05. 79) 11. (46. 07) 0. 41 (2. 58) | | | 0. 603 |
| Muscle strength (kg) | 22. (64. 94) 23. (44. 26) 0. 81 (2. 55) | | | 23. (14. 88) 23. (13. 58) -0. 01 (1. 95) | | | 0. 273 |
| Waist circumference (cm) | 91. (814. 559) 3. 514. 630. 75 (22. 84) | | | 87. (821. 059) 9. (662. 3) 1. 84 (9. 44) | | | 0. 452 |
| Calf circumference (cm) | 32. (58. 9) 32. (73. 84) 0. 13 (2. 38) | | | 31. (23. 91) 32. (15. 95) 0. 93 (3. 3) | | | 0. 448 |
| Dynamometer strength (kg) | 24. (58. 09) 23. (68. 91) -0. 88 (4. 77) | | | 25. (791. 8) 25. (980. 730) 1. 19 (10. 21) | | | 0. 220 |
| Dynamometer strength (kg) | 22. (55. 87) 21. (48. 92) -1. 05 (5. 56) 26. (20. 29) 26. (021. 53) 0. 18 (9. 93) 0. 382 | | | | | | |

B M1b:o dmya si sn d @N Sora ltri \$ uoppablement .

Table 4e

Chang \$ o i m p epdaarnacheat & ro s tdiw utr i t h o e a k o m d u m e n t s t a ndeavridati on)] .

| | Enhanced | | Standard | | p (between groups) | |
|--------------------------------|--------------|-------------|-------------|------------|--------------------|------|
| | V1 | V2 | Differences | V2 | Differences | |
| Resistance | 5.81 (.3101) | 5.62 (.631) | .48 (.48) | 6.65 (.65) | .9 .9 (.9) | .121 |
| Reactance | 4.4 (.94) | 1.1 (.11) | .8 (.8) | 2.3 (.23) | .3 (.3) | .410 |
| Phaseng (Peh A) | 4.8 (.8) | 1.7 (.17) | .4 (.4) | 6.3 (.63) | .5 (.5) | .185 |
| Total self | 3.5 (.44) | 1.9 (.19) | .6 (.6) | 3.7 (.37) | .0 (.0) | .190 |
| Extracultural (alt)ar | 1.8 (.28) | 4.2 (.42) | .9 (.9) | 1.3 (.13) | .0 (.0) | .008 |
| Intracultural (old)ar | 1.7 (.17) | 4.4 (.44) | .7 (.7) | 0.3 (.03) | .9 (.97) | .735 |
| Appendix 1 and sadness (sk g) | 1.8 (.69) | 7.3 (.73) | .20 (.20) | 2.0 (.68) | .2 (.23) | .009 |
| Leanna sk(g) | 4.7 (.99) | 2.4 (.24) | .8 (.8) | 3.7 (.37) | .0 (.0) | .615 |
| Fear sk(g) | 1.7 (.282) | 7.1 (.71) | .8 (.8) | 4.4 (.44) | .2 (.2) | .321 |
| Appendix 2 and sadness (ekg g) | 1.6 (.05) | 4.1 (.4) | .6 (.6) | 3.5 (.35) | .1 (.1) | .438 |

* p < 0.005

ONS and nutritional supplement

Table 5

Chang's speech at the conference in New York was a breakthrough in the development of the theory.

| Enhanced | Standardized | | | p (between subjects) |
|-----------------------------------|------------------------------|-------------------------|-------------------------------|--|
| | V1 | V2 | Differences | |
| Total alcohol (mg/g/dL) | 189 (238, 89) 94 (0.166, 19) | 837 (0.7) 56 (4311, 49) | 64 (7367, 6) -0.249, 130, 719 | |
| Total protein (g/dL) | 6.9 (0.4) | 6.9 (0.48) | 0.1 (0.46) 6.7 (50, 43) | 6.7 (50, 49) 0 (0, 52) 0.545 |
| Albumin (g/dL) | 4.2 (0.37) | 4.2 (0.39) | 0.0 (0.3) 4.17 (0.544) | 4.17 (0.544) 1.40, 36) -0.0 (0.48) 0.433 |
| Prealbumin (mg/dL) | 2.2 (0.33) | 2.3 (0.42) | 1.43 (8.85) 2.0 (5.6, 4.8) | 2.1 (8.6, 6.2) 1.314, 6.6) 0.486 |
| Retinol binding protein (mg/g/dL) | 5.5 (0.68) | 5.4 (0.55) | 0.71 (9.1) 3.31 (4.45) | 3.51 (7.5) 0.211, 0.7) 0.428 |

ONSOr analutri supplement.

L a s t t h i s , \$ u d g y o n l e w a l u a h t a e n g t u s t r i t s i t a n t a l s c a n d e r h i e n i s t t a g f u s h b i s e a s e .

as the effect of the service on a mispecification

5. Conclusions

all obvious cues that there could be trouble

I n c o n c l u s i o n s h o w t h a t a d d i t i o n a l e v e r s i o n

The main virtue of the *huis* is its spaciousness and lightness, which creates a sense of well-being and relaxation.

mai m leyc r w il t dæd up att i (e md ssntl ny) i ta h d v a n c e d - s-t gal quep a lo snoat nè s i c r è amsus cnaesasn d h re e c o voef

can and the tasks at the Evansdear Gooding Engineering Department in Bedford, Ontario, to handle our piping needs.

t r e a t w i t h t h e o n c o m i d i s e a s e s e a l s h y p e r t a n s i o n D e c l a r a t i o n s

d y s l i p iT dh ñm ayeax. p l tahi hem gnho r t ar laibt bys e rd w e d n g E t h iaç p r oavnad o n s t e ç p a r t i c i p a t e

the intent is to load the system with a wide variety of strategies. The test days are conducted sequentially and the results are analyzed sequentially.

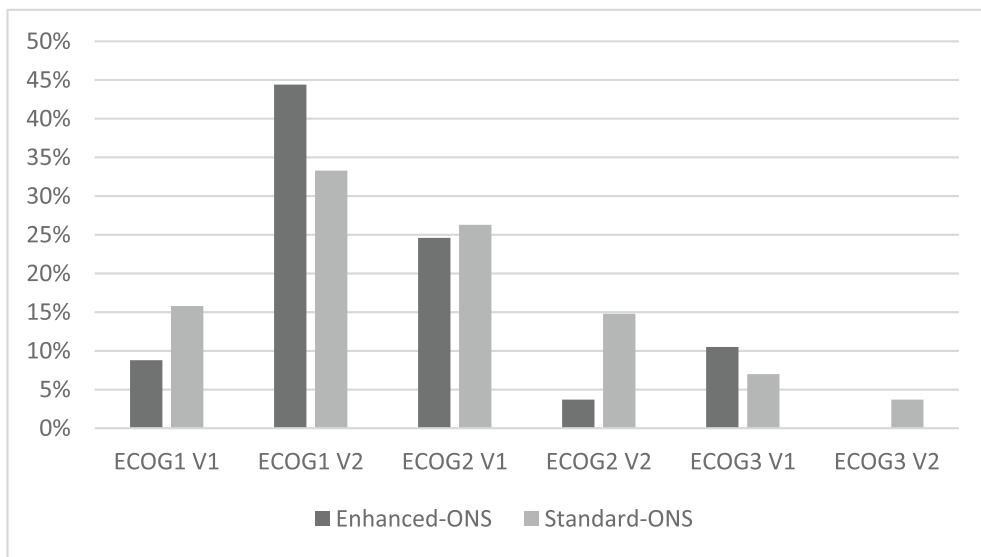


Fig. Change in functional food consumption at different stages of sarcopenia and sarcutrition support.

Universität Potsdam food consumption was best at stage I and II, while it was lowest at stage III and IV. This finding is in line with previous studies (Römer et al., 2018; García-Pérez et al., 2019).

Consent to publication

I informed the patients about the study and obtained their written consent.

Funding

This study was funded by the German Research Foundation (DFG) and the University of Potsdam. We thank the patients for their participation and the staff of the Department of Geriatric Medicine for their support. The funding source had no influence on the design of the study and the collection, analysis, and interpretation of the data or the writing of the manuscript.

Conflict of interest statement

All authors declared that the work described in this article has not been published previously (in part or in full), except for the presentation of abstracts or papers at scientific meetings, which is not mentioned here.

Guarantor

We declare that the lead author (Wolfgang Römer) is the guarantor for this manuscript.

Author contributions

Wolfgang Römer and Barbara Körber contributed equally to this work and should be regarded as first authors.

The other authors contributed to the conception and design of the study, the acquisition of data, the analysis and interpretation of data, and the writing of the manuscript.

Financial support was provided by the German Research Foundation (DFG) and the University of Potsdam.

Competing interests

The authors declare that they have no conflict of interest.

Ethical approval

The study was conducted according to the principles of the Declaration of Helsinki and was approved by the Ethics Committee of the University of Potsdam.

Consent to participate

Written informed consent was obtained from all participants before inclusion in the study.

Declaration of competing interests

The authors declare that they have no conflict of interest.

Data availability

Data are available upon request.

Acknowledgments

The authors would like to thank the patients for their participation in this study. This work was supported by the German Research Foundation (DFG) and the University of Potsdam. We thank the staff of the Department of Geriatric Medicine for their support. The funding source had no influence on the design of the study and the collection, analysis, and interpretation of the data or the writing of the manuscript.

mas sus csler e magidh y s p e a f or imdh dpero pAn mbrell a
re v iedwy s t e m e i a n d e t a - a n d h y is R b iv o R w) 2-1 4.7
I z a @l. P r , i m o l o p e jzJ .T.o r rB e G o , meH o y d & d u i D S A .(2 0 2 d c
9) E s t uedn b d a d b u s u p l e m e n t a i q u e o a d c o g o a a o - k n
p a c i e ambeus a b o d o g b i seE s e s b b l r a l i d d e a id g h o p s a á m e t r o s R o n d a E .L .M .A .L a n g u a s E ., & d e v a d e s c h u e M A e E k r u i z k M g .a
n u t r i c i l & e a l esstouridm n c o l co g u t p a a t o f a e n t s u p p l e m e n t (2 0 1 T 8) a e W S P E N a g n o s i t f f e o m i a n u t p i r e é b i b o e t r a u l r i v i v a l
e n e v i o v i d 3 a t a c y - d e f e m q u a lo if t i y f e d u t r i p h o a m e t e s .i m o s p i t p a t i s @ h d t m N u c t a r l i 3 t (i 1 0) n 6 - 3 6 . 8
N u t ó i H o i s p i t a @ 6) 1 2 1 3 7

L u S .Y .a n z j .T .a n g ,S u n k .,W a n g ,Q u JR a d , (2 0 2 A 2) s o c i a t i o n s V I I I l a r g u a y a r r i @ (2 0 1 E 4 f) f . o d a n s r a u t r i t i o n a l
b e t w e e n g p o B y u n s a f t a u t a t y s d u p l e m e n t s u t r i g n c a l
p r o g n o s i s i w i n g h s t r o i n t a e s A s i r y s a t e m a t i a m h e t a -
a n a l y s i o n s e m i (s O x r f 4) A .r , t i l 0 0 6 9 . 9

M u r p R y A .Y e u n g M a z u r V a @ ., & M o u r t z M .(2 0 1 1) f . u e o n f c e
e i c o s a p e a n d i a p p i e m e n t a b o d y a s i s a n c e c h e x r i a t i s h

J o u r n a l o f (5 1 0) 4 , 6 1 9 4 7 3

M u s c a r M .t A r l e i n ,D .S , a c h m a n B a r a @ o B a r a r t h e N .@ r y ,@ z ., d e
v a d e s c h u e M ,@ n e i j s C e r i s c s @ f 2 0 2 E S P .@ N a c t g u i d l e l i n e :
C l i n u c t a r l i t o a m c e l r i .n N u c t a r l i 4 t (i 5 0 2 8 , 9 2 9 1 3

O s t a d r A h E s m f i a M a A s g h a a f i a r a b b ã d i v i z i b e j i ..
M o v a s s a g h p d u & F a k r b @ (2 , 0 0 4 t) f . f e B e t g d u o f g n a a lo if t y

I i f r o m e w i t b h r e a s b u n d e r g c h i e m p t h a r a p y o m i o z u e b d l e - S t o r l C J k .R u e h M i @ a e u m a n @ i .S i .S c h m o c M .@ r e f f R d t .
b l i p l d a c e b o - c o o n i n t i o d i A b b e l d a n p c e a d r m a c B u w l i @ t s i l u p , @ l .
4 7 - 1 1 7 . 7

O s t a d r A h Z i n a i J e ,E .,s f a h A h j a f a r a M b A .M o v a s s a g h p d u & a k b a r c i o ,n t r i o n t e d v t e m i C a l o .m N u c t a r l i 3 t (i 1 0 2 8) 6 , 3 3 6 4 4
F a r r N i .(2 0 1 E 4 f) f .@ b e t g d u o f g n a i t t e o o e d b u m h i s e r l u n v e l l
o f f L a @ B L - i n o m e w i t b h r e a s b u n d e r g c h i e m p t h a r a p y :
r a n d o m o z u e b d l e p b a c e b o - c o o n i n t i o d i A b b e l d a n c i b o r o n f a l
C a n p e r e v e n t i o n 7 , 3 5 7 3 9

P a p p a l G .@ d m e i A d & R a v a P o (2 , 0 1 E 5) c o s a p e a t i a m n i c e r
i m p r o b o o d s y o m p o s a r t h o d h u l m e t a b o N u t s m i .3 t (i 4 5 n 4 , 9 5 . 5

P l a n M A l l v a r e á n d e z L r o n - S M n Q e l a g y a e S P A , r a u k .& G a r c i a
d d o r e A Z (2 , 0 1 P 6 R E D y C E S s e a r P c h e e v r a s b t i r o c t r o m t a l a t u r i t i o n
i m a n p e r i a s t u b - a n a f t h y R E S D y C E S u B y p p o a n t e e n c 2 e 4 r ,
(1 4 2 - 9 3 .5

S á n c h e z K .L t a u r a c ,b G t J ,á r e e z - Á H e d r e n z N u e z - V a l C e n c i a ,
S a n t o d M .M e n d e s C a r o l E I .& S a n t o C o s .(2 0 2 N u t r i t i o n a l s ,
f u n c t i o n a l s p a a lo if t y f h a i m p a m t d e l a t i o n a h t p r
p a t i d v u t s @ a b d a n c e @ 1 - 1 2 2 5 2 4 5 6 7

S o l i s - M @ r P t l i a n e a z - , C a r l R h a i l h l o i , p G - T s r i u x t i d s l , o Y .C , a b r e r a ,
v a d e s c h u e M ,@ n e i j s C e r i s c s @ f 2 0 2 E S P .@ N a c t g u i d l e l i n e :
H e r a m d e z - C a u @ u l e @ p o - G @ r .c f i t a c h s - T a V .(2 0 2 E 8 f) @ f t

e i c o s a p e a t i a m n o o d y o m p o s a r t i a n f a m m a n d i n d e p a t i e n t s
w i t h e a d d i e s k u a m o u t s a n d e r e a r p u b h o s p i t a l i n u t r i t i o n
a n d a n c e @ 4 6 - 6 7 . 0

S t o r l C J k .R u e h M i @ a e u m a n @ i .S i .S c h m o c M .@ r e f f R d t .
B a l l R h e r , (2 0 2 E 0 f) f .@ f a l t e u c i n s e u - p r i l c h e m e n t b i n w i t t b o n

n u t r i a n i p d o n y s e x a c t i o n s e a n c a e n d p a r t i a n t s d o m i z e d
c o n t r i o n t e d v t e m i C a l o .m N u c t a r l i 3 t (i 1 0 2 8) 6 , 3 3 6 4 4

B a l l R h e r , (2 0 2 E 0 c) f .@ f a l t e u c i n s e u - p r i l c h e m e n t b i n w i t t b o n
n u t r i a n i p d o n y s e x a c t i o n s e a n c a e n d p a r t i a n t s d o m i z e d
c o n t r i o n t e d v t e m i C a l o .m N u c t a r l i 3 t (i 1 0 2 8) 6 , 3 3 6 4 4