# Webinar Managing C 19 outbreak- supporting residents and families (2) Thursday 10<sup>th</sup> December 2020 7pm – 8.30pm

Thank you for joining, the webinar starts at 7pm, all attendees videos and audios are muted, sit back and relax and we will be with you shortly.

If you experience any audio issues, check your volume is turned on via your IT device or please dial-in via phone using the following number 01 53-39982
Access code 174 589 8356

Online webinar series hosted jointly by ONMSD and the National Integrated Care Programme Older Persons.

As part of COVID 19 Pandemic Response.

Managing nutritional challenges in nursing home residents during Covid 19

Sharon Kennelly Dietician





# Managing nutritional challenges in nursing home residents during Covid-19 pandemic

Dr. Sharon Kennelly PhD
HSE Clinical Specialist Dietitan



# COVID-19 Nutrition Support Guidance V2

### Available at www.hse.ie/nutritionsupports

# Highlights importance of nutrition and to give emergency guidance

- Short window to act to prevent nutritional decline- key actions
- Pack developed by HSE Dietitians with input from Speech and Language Therapy colleagues
- HSE Clinical Advisory Group approval
- Does not replace agreed local policies pathways or services and /or healthcare professional assessment



# Key nutritional challenges due to COVID-19- dietitan perspective

# Infection control measures are negatively affecting the dining environment

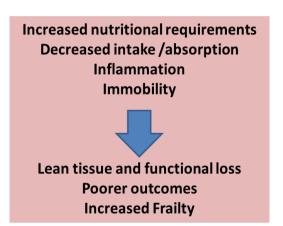
- More clinical/ less homelike environment
- Eating alone/reduced contacts
- Challenges with hot meal provision and PPE

# Absence /reduction of visitors significantly impacting nutrition status of residents

- Visitors bring food and assist with eating
- Visitors take residents out for meals
- Low mood, loneliness, anxiety, grief.

#### Disruption of care during outbreaks

- Delivery of meals and snacks and drinks
- Assistance with eating challenges/PPE
- New staff unfamiliar to residents and vice versa



# All residents at increased risk of malnutrition during outbreaks-regardless of COVID status

Unpublished provisional data from clinical audit at large > 100 bed HSE facility with significant outbreak (Audit March-May 2020)

#### **COVID-19 Positive Residents ( Almost 70 % lost weight)**

- Increased energy requirements
- Decreased intake anorexia, breathlessness, changes to taste and smell, sore throat, dysphagia
- Effects of isolation / visiting restrictions

#### COVID -19 Negative Resident s ( More than 40% lost weight )

• Why? What can we do to prevent this?

Both groups had significantly higher than normal rates of weight loss



# **Identify and Treat Malnutrition Without Delay**

# How to identify patients at risk?

(SCREEN with a validated tool e.g. MUST or MNA at least monthly)



#### Refer for assessment

e.g. Dietitan, Speech and Language Therapist, Medication Review, Oral Helath (ASSESS)



- Energy Dense Diet
- Food fortification
- Oral nutritional supplements
  - Enteral tube feeding

# **Key Actions Energy Dense Diet Making the Most of Every Bite**



- 3 energy and protein dense meals per day
- High protein source e.g. meat/ fish/ chicken/ eggs/beans at each meal
- 3 snacks per day
- Serve glass milk with meals
- High protein deserts: milk based, custard, milk pudding, full fat/ creamy yoghurts
- High protein soups and smoothies
- Food fortification: Adding additional butter, cream, cheese, skimmed milk powder to meals at kitchen level

- Add extra sugar/honey /sweetener spice / butter – if taste and smell affected
- Snack supply in room if possible / individually packaged foods /own fridge
- Contingency planning for outbreaks – reduction in catering staff

# Hydration-Make the Most of Every Sip & Mouth care

# Whole Fortified Hot Tea or Cranberry, Orange or Milkshakes Please refer to any specific recommendations from Speech and Language Therapist for individual residents.

- Include fluids that also have calories and protein in Drinks Menu instead of fluids with low/no nutritional value tea, coffee, Bovril, packet soups
- Consider introducing high protein, milkshakes or soup in am & pm between meals

### **Oral Helath (Mouth care)**



- Sore or dry mouth and not being able to wear dentures can lead to reduced food intake
- Detrimental effect on the general health of the resident.
- Providing mouth-care should be prioritised as with all other aspects of personal care

# Importance of dining experience and assistance with feeding

Can significantly improve nutritional intakes!









#### What can we do?

- Important to have a nutrition committee/ team in place
- Who is the nutrition lead/champion in your facility ?
- Dining bubbles (e.g. small group residents dining together)
- Make mealtime setting calm and free from any unnecessary distractions
- Adequate appropriate assistance teaspoon
- Ensure food at the appropriate temperature?
- Importance of regular fluids and snacks increase frequency
- Fun factor appearance/ modified consistency diets, colour

# Oral Nutritional Supplements & Enteral Feeding

#### ONS

- Significant increased reliance on ONS during COVID -19
- Reduced capacity for food first approach ?/ loss of taste and smell ?
- Recommendations on product type and volume
  - E.g. 2 x High Protein ONS per day (> 20% energy from protein)



#### **Enteral Tube Feeding**

- Significant weight loss in those on tube feeds during COVID-19 infection
- Not clear if this is due to interruptions to feeding or disease itself
- Seek dietitan review early for residents who use tube feeding both new admissions and existing residents who are experiencing weight loss or difficulties tolerating regimen

# Vitiman D



Issue: Ir Med J; Vol 113; No. 4; P58

Optimisation of Vitamin D Status for Enhanced Immuno-protection Against Covid-19

- It is safe to advise 20µg (800iu) vitamin D as a daily supplement (if no contraindications) to those who are NOT already on prescribed combination calcium/vitamin D supplements.
- Consider dietary sources, fortified foods and drinks, and ONS as possible sources when considering dose
- Vitamin D content of commonly used supplement and ONS in HSE guidance



Issue: Ir Med J; Vol 113; No. 5; P79

#### Covid-19, Cocooning and Vitamin D Intake Requirements

M.J. McKenna<sup>1</sup>, M.A.T. Flynn<sup>3</sup>

- 1. UCD School of Medicine, University College Dublin, Dublin
- 2. Faculty of Life and Health Sciences, University of Ulster, Northern Ireland

sponse to Article Entitled 'Optimisation of Vitamin D Status for Enhanced Immuno-Protection against Cavid-19' by D.M McCartney et al - Ir Med J; Vol 113; No. 4; P58

# Vitamin D content of commonly used vitamin supplements and ONS listed in pathway The purpose of this table is to provide information on the Vitamin D content of products so this can be taken into consideration by prescribers. Products are listed in order of increasing vitamin D content. Vitamin D preparation Vitamin D Vitamin D Oral Nutritional Supplements Vitamin D Centrum 304\* 3 jug [200iu] High protein drinks Gentrum Advance\* 3 jug [200iu] Ensure Pilus HP\* 200ml 2.2 jug [88iu]

Vitamin D preparation	Vitamin D
Centrum 50+*	5μg (200iu)
Centrum Advance®	5μg (200iu)
Decavit*	5μg (200iu)
Calcichew D3 Forte®	10µg (400iu)
Ideos*	10µg (400iu)
Desunin® 800 iu	20µg (800iu)
Osteofos D3 <sup>e</sup>	20µg (800iu)
Cadelius*	25µg (1000iu)
Sona D1000°	25µg (1000iu)
Thorens* (10,000iu/ml)	250 μg (10,000iu)
Zymad® Drops (10,000iu/ml)	250 μg (10,000iu)

	Oral Nutritional Supplements	Vîtamin D		
	High protein drinks			
	Ensure Plus HP® 200ml	2.2ug (88iu)		
	Fortisip Compact Protein® 125ml	2.6µg (104iu)		
	Altrapien Protein® 200mi	5μg (200iu)		
	Fortisip Extra® 200ml	5µg (200iu)		
	Fresubin Protein Energy® 200ml	5μg (200iu)		
	Fresubin 3.2 Kcal* 125ml	10µg (400iu)		
	Ensure Plus Advance® 220ml	13 µg (520iu)		
	Dysphagia products			
	All puddings/thickened drinks except those listed below	≤3ug (120iu)		
	Fresubin thickened (28:3)* 200ml	5ug (200iu)		
	Eresubin 2Kral Crème® 125e	Sur (240iu)		

# **Need more information**

- High protein high calorie cookbook, end of life, dementia dietary resources and other resources available at www.hse.ie/nutrtionsupports
- For general queries on nutrition and to contact the office of the HSE national nutrition lead nutrition.national@hse.ie
- For queries on ONS reimbursement system Email ONS.PCRS @hse.ie
- To contact local HSE community dietitan manager in your area. See contact details at www.hse.ie/nutritionsupports
- To contact a private registered dietitan <u>www.indi.ie</u>











# Dietitan members of the working group

- Margaret O Neil, HSE Nutrition Lead Strategic Planning and Transformation
- · Maria McKenna Senior Dietitan , Chair Of Older Persons and Dementia Specialist Interest Group INDI
- Anne Marie Bennett Senior Dietitan HSE PCRS /Formerly St Mary's Hospital
- Mary McKeon Clinical Specialist Dietitan for Older Persons CHO 8 (Midlands)
- Marian McBride Senior Project Dietitan HSE National Nutrition Office
- Niamh Maher Senior Enteral Tube Feeding Community Dietitan CHO 9
- Sharon Kennelly Clinical Specialist Dietitan
- Acknowledgement to HSE and IASALT Speech and Language Therapy Colleagues for review of the COVID -19 pack

# References

- Department of Health (2019). Nutrition screening and use of oral nutrition support for adults in the acute care setting. (NCEC National Clinical Guideline No.22 ). Available at: <a href="http://health.gov.ie/national-patient-safety-office/ncec/national-clinical-guidelines">http://health.gov.ie/national-patient-safety-office/ncec/national-clinical-guidelines</a>.
- Barazzoni R et al., ESPEN expert statements and practical guidance for nutritional management of individuals with SARS-CoV-2 infection, Clinical Nutrition, https://doi.org/10.1016/j.clnu.2020.03.022

Keeping 'movement' as a core essential to wellbeing in the nursing home

Thomas McCabe
Siel Blue





# WHAT IS SIEL BLEU IRELAND?

- SOCIAL ENTERPRISE
- LIFE ENHANCING EXERCISE PROGRAMMES
  FOR IRELAND'S OLDER ADULTS, PEOPLE
  LIVING WITH CHRONIC DISEASE AND
  DISABILITIES
- 25 STAFF
- 6000+ WEEKLY SERVICES USERS





### **HISTORY OF SIEL BLEU**

- FOUNDED IN STRASBOURG IN 1997
- EXPANDED TO BELGIUM IN 2010, IRELAND IN 2011 & SPAIN IN 2012
- 2014 COMPLETION OF HAPPIER STUDY
- WORK WITH 160,000 PER WEEK







# **PHYSICAL INACTIVITY**

**ALZHEIMER'S** 

-	SARCOPENIA	-	ARTERIAL DYSLIPIDEMIA
-	METABOLIC SYNDROME	-	HEMOSTASIS
-	OBESITY	-	<b>DEEP VEIN THROMBOSIS</b>
-	INSULIN RESISTANCE	-	<b>COGNITIVE DYSFUNCTION</b>
-	PREDIABETES	-	<b>DEPRESSION AND ANXIET</b>
-	TYPE 2 DIAESTES	-	OSTEOPOROSIS
-	NON-ALCOHOLIC FATTY LIVER DISEASE	-	OSTEOARTHRITIS
-	CORONARY HEART DISEASE	-	BALANCE
-	PERIPHERAL ARTERY DISEASE	-	BONE FRACTURE/FALLS
-	HYPERTENSION	-	RHEUMATOID ARTHRITIS
-	STROKE	-	COLON CANCER
-	CONGESTIVE HEART FAILURE	-	BREAST CANCER
-	ENDOTHELIAL DYSFUNTION	-	<b>ENDOMETRIAL CANCER</b>
-	POLYCYSTIC OVARY SYNDROME	-	<b>GESTIONAL DIABETES</b>
-	ERECTILE DYSFUNCTION	-	PREECLAMPSIA
-	PAIN	-	CONSTIPATION
-	DIVERTICULITIS	-	GALLBLADDER DISEASES



**DEMENTIA** 

### **SIEL BLEU IRELAND – RANGE OF PROGRAMMES**













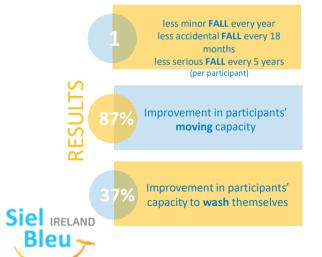
# THE SBI TEAM

SPORT SCIENCE BACKGROUND
HIGHLY EDUCATED
TRAINED TO THE SB STANDARDS
EMPATHETIC, PASSIONATE, KIND
FULLY INSURED
GARDA VETTED



# THE HAPPIER STUDY













# **PATIENT GROUP PARTNERS**























# WHO Guidelines

- 150 minutes of moderate intensity exercise per week or 75 minutes of vigorous intensity exercise
- Activity should be performed in at least 10 minute bouts of duration
- Older adults, with poor mobility, should perform physical activity to enhance balance and prevent falls on 3 or more days per week
- Muscle-strengthening activities, involving major muscle groups, should be done on 2 or more days a week
- When older adults cannot do the recommended amounts of physical activity due to health conditions, they should be as physically active as their abilities and conditions allow







Lived Experience' experience of care in hospital for the nursing home resident during C19

Claire Noonan ANP, Tallaght Hospital Lived Experience of Care in hospital for the nursing home resident during COVID-19 Outbreak

Claire Noonan

**RANP** in Gerontology

**Tallaght University Hospital** 





Tallaght University Hospital Ospidéal Ollscoile Thamhlachta

# **Nursing Home Liaison Service**

- 12 Nursing Homes in CH07
- Orthopaedics admissions including those diverted from Naas approx. 1100 beds
- Caseload Includes- all nursing home residents admitted to TUH under medical/surgical and orthopaedic teams.
- Dedicated Phone- direct contact GP/Medical officer and senior nursing for advice on treatment of residents in the nursing home, Virtual calls arranged (ED Review during COVID 19 outbreaks)

Aim of the service is to ensure the right person is in the right place at the right time.

# **Nursing Home resident admitted to acute care during Covid 19 Pandemic**

Total presentations Since March 2020	332
Residents admitted	180
Discharged from Emergency Department	131
RIP in ED	3
Inpatients RIP	18



### Case 1

# 79 year old – Admitted from Emergency Department

- Dry cough x 7/7
- SOB
- Lethargy
- Reduced physical activity, stayed in room
- O2 96% on 2L
- RR 22
- HR 96 BP 106/65
- Temp 37.2

Alert, not orientated (baseline)
Chest clear





### **Past Hx:**

- Vascular dementia + Walking with purpose
- IHD
- Atrial fibrillation
- Hypertension
- Orthostatic hypotension
- Depression
- Previous prostate cancer



# Management of Covid 19 with secondary bacterial infection

#### **Day 2 of admission:**

Mobilising on ward high falls risk
Covid swab result

### Day 3 of admission:

Delirium Mobilising on ward – 1:1 special

### **Day 5 of admission:**

CRP up trending Tazocin commenced

#### **Day 6/7of admission:**

Some improvement, more alert CRP down trending

#### **Decline on Day 8**

Increase in O2 requirement no responding to non invasive ventilation Temperature Rigors

Morphine 10mg + Midazolam 10mg S/C infusion

RIP Day 12 of admission



## Case 2

## 79 year old – Admitted from Emergency Department

- Cough x 5/7 (COVID 19 +)
- Reduced Oral intake
- Temperature 38.4-
- Tachypnoea 30
- O2 96% ra
- HR 107
- BP 116/70

Alert, not orientated (baseline)

Dry mucous membranes

Chest clear on examination



# **Past Hx:**

- Dementia
  - -At baseline required full assistance with all ADLs
  - -++ Encouragement for po intake
- IHD
- HTN
- Glaucoma



### Management of COVID-19 positive with Acute Kidney Injury

- Admitted to hospital
- Slow IV fluids for 48 hours
- Weaned off oxygen in first 12 hours
- Remained well
- Maintained oxygen saturations 97 99% on r/a
- PO fluids with encouragement

# <u>Discharged back to Nursing home Day 8 admission & fully recovered in nursing home</u>



#### Main issues we encountered

- Changing Guidelines
- Isolation facilities in nursing home
- Mobile patients with dementia risk to staff, other residents
- Symptoms and Fluctuating course of virus decline at 7 10 days
- Palliative care needs- advanced care planning
- Discharge planning close liaison with nursing homes and extended availability via telephone to discuss cases
- Daily communication with families
- Emotional impact



## Thank you



Minding 'Self' when minding others '- bereavement impact and staff experience

Breffni Mc Guinness
Irish Hospice Foundation





# Minding Self When Minding Others

Grief, Covid 19, and the Nursing Home Context Thu 10<sup>th</sup> Dec 2020

**Breffni Mc Guinness** – National Bereavement Development Specialist (Workplaces)

breffni.mcguinness@hospicefoundation.ie



#### Outline

#### In this input we will explore:

- 1. Covid 19, Grief and the Nursing Home Context
- 2. The Impact Grief and Death can have on Staff
- 3. Staff Wellbeing (Death and Bereavement) the Importance of Organisational- and Self-Care



## Covid 19 - The impact of Grief on Nursing Home staff

1. Grief occurring in your personal life

Covid 19, death of partner parent, miscarriage relationship breakup or other, etc

2. Grief occurring as a result of the nature of your work
Covid 19
Residents dying
Dealing with families/relatives who are grieving
Multiple deaths
Trauma





### **Normal Feelings When Grieving**

- Sadness
- Anger
- Guilt and self-reproach
- Anxiety
- Loneliness

• Fatigue



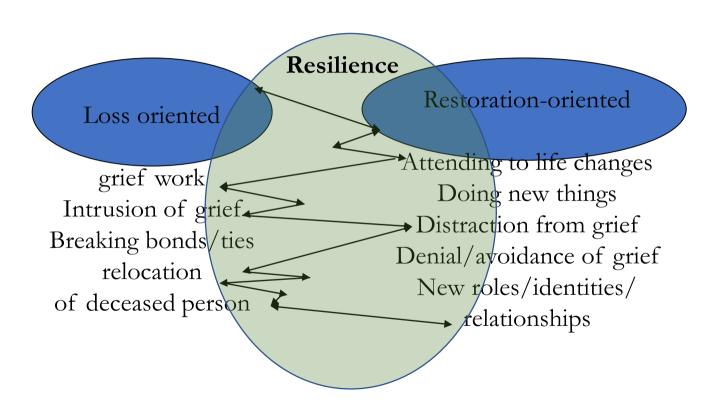
- Sensitivity
- Helplessness
- Shock
- Yearning
- Relief
- Numbness







## How we cope with grief









# HIQA - The impact of COVID-19 on nursing homes in Ireland

- A consistent message from residents was their appreciation for the efforts of staff and management in nursing homes. (Page 33)
- Most inspectors recounted stories of management and staff becoming overwhelmed with emotion when speaking about how they managed during the pandemic.
- Some exhibited signs of extreme stress, fatigue, exhaustion and anxiety in trying to come to terms with what was happening around them.
- many staff ... experienced feelings of guilt at not being able to spend time with residents and provide them with important human contact and reassurance. (Pp 35-36)





# Managing mental health challenges faced by healthcare workers during covid-19 pandemic (Greenberg et al (2020))

*BMJ* 2020; 368 doi: <a href="https://doi.org/10.1136/bmj.m1211">https://doi.org/10.1136/bmj.m1211</a> (Published 26 March 2020)Cite this as: <a href="https://doi.org/10.1136/bmj.m1211">BMJ 2020;368:m1211</a>

- Healthcare staff are at increased risk of moral injury and mental health problems when dealing with challenges of the covid-19 pandemic
- Healthcare managers need to proactively take steps to protect the mental wellbeing of staff
- Managers must be frank about the situations staff are likely to face
- Staff can be supported by reinforcing teams and providing regular contact to discuss decisions and check on wellbeing
- Once the crisis begins to recede, staff must be actively monitored, supported, and, where necessary, provided with evidence based treatment



## Healthcare Professionals Coping with Grief in the Workplace

## Workplace 3. Personal beliefs and values of employed Resilience 1.Engagement Detachment with grief from grief. Workplace culture and Norms –Death and

Bereavement
Papadatou, D., 2009, In the Face of Death – Professionals who care for the dying and the bereaved, (New York: Springer Publishing), P 131-173.



## **Organisational Care**

#### Acknowledge

• that everyone working in the nursing home is impacted by grief – owners, managers, care staff.

#### Validate

• Recognise the impact of grief on staff in nursing home – validate staff feelings

#### • Support

- Ensure care staff have:
  - Down time in a shift without feeling guilty
  - Regular breaks
  - Access to healthy food and drinks
  - Rotas that allow for time to sleep and relax
  - Develop buddy systems for junior or new staff



• (Source: Public Health Agency (2020) Death and Grieving in a Care Home during the Covid 19 Pandemic <a href="https://www.publichealth.hscni.net/publications/death-and-grieving-care-home-during-covid-19-pandemic-guide-supporting-staff-residents">https://www.publichealth.hscni.net/publications/death-and-grieving-care-home-during-covid-19-pandemic-guide-supporting-staff-residents</a>)



### **Self-care**

"Almost everything will work again if you unplug it for a few minutes, including you."

- Anne Lamott

As someone working in a nursing home where people will die regularly

- You are not immune to grief
- You need to be aware of your own approach to loss and how it impacts on you.
- You need a safe place to process your own feelings
- You need to be supported in this work





#### Resources

**Irish Hospice Foundation** Care & Inform



Grief in the Workplace Supporting Staff Bereaved during COVID-19

#### **Grieving during COVID-19**

Grieving can be challenging at the best of times but the COVID-19 pandemic has made things more difficult for those employees whose loved ones or friends have died.



https://hospicefoundation.ie/wpcontent/uploads/2020/05/Supporting-bereaved-staffduring-Covid19-Grief-in-the-workplace.pdf

Irish Hospice Foundation Care & Inform



#### Self-care and supporting your colleagues; tips for healthcare workers

The COVID-19 crisis is difficult for all of us; it is more important than ever to work together, support each other and be kind to ourselves. It is changing the way we work and we can't

always do everything we want to, especially in

end-of-life care. Here are some tips you may

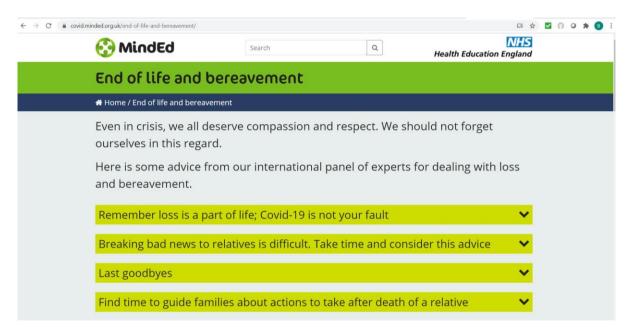




https://hospicefoundation.ie/wpcontent/uploads/2020/04/C-I-Healthcare-Self-Care-Tips-FINAL.pdf



## Tips around the impact of end of life care and bereavement - NHS



 https://covid.minded.org.uk/end-of-life-andbereavement/



## Summary

- We are in the middle of extraordinary times
- Loss and Grief in the Nursing Home are Normal
- Grieving is a process
- Staff need to be supported in their grief (Acknowledge, Validate, Support)
- You need to honour your own grief and take care of yourself





# Thank you

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