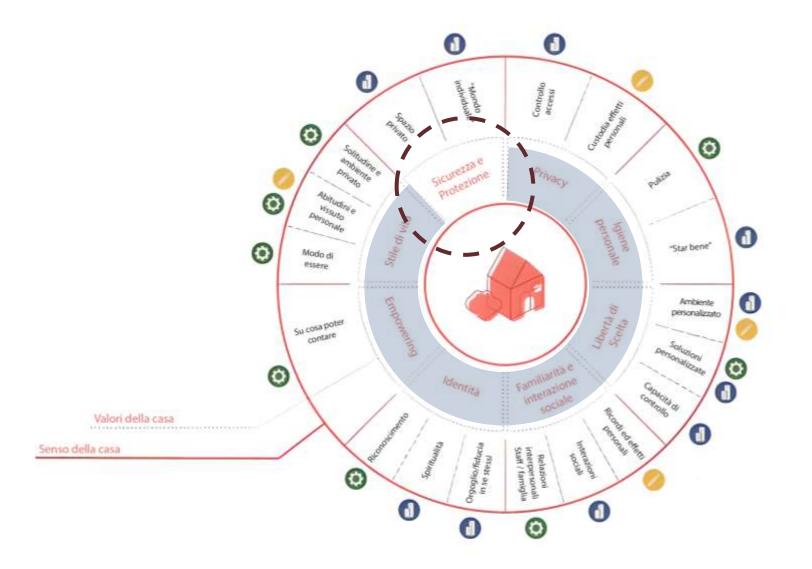




# l'obiettivo: il benessere possibile

benessere fisico + benessere psico-emotivo

il benessere possibile







# benessere fisico + benessere psico-emotivo

il benessere



### **JAMDA**

journal homepage: www.jamda.com

Special Article

Nursing Home Design and COVID-19: Balancing Infection Control, Quality of Life, and Resilience

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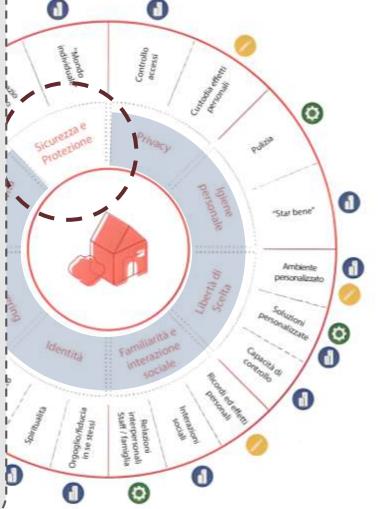
- \* Division of Geriatrics, University of California, San Francisco, CA, USA
- \* TrinityHaus Research Centre, Trinity College, Dublin, Ireland
- \*Centre for Aging, Neuroscience and the Humanities, Trinity College, Dublin, Ireland

### Design for Quality of Life

In a series of studies, nursing home residents describe a range of issues important to their well-being, consistently identifying space and the built environment as factors.

Barney<sup>13</sup> argues that community involvement and interaction is critical to quality of life in nursing homes. At the community scale, Rijnaard et al.<sup>14</sup> highlight the importance of proximity to a person's home community, contact with a familiar neighborhood, and access to local services or shops for small purchases.

Other major themes identified as important to nursing home residents include generativity, spiritual well-being, homelike environment, and privacy. Aspects contributing to thriving in nursing homes challenge the traditional passive perspective of residents and instead emphasize more active aspects. These include positive relationships with other residents including visiting each other's rooms, participation in meaningful activities, and opportunities to go outside the residence, including visiting family, organized tours, attending church, or experiencing nature. Qualities of the physical environment includes bright, spacious and private rooms with private bathrooms.



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possibile





Garages and perking

Dutoubent

Robots:

Wakness

Workspace

Buffets

Alternative uses

Outpatient

Mental Health

Outdoor spaces

Hospitality

Food services

# dibattito scientifico e buone pratiche

Review Articles (excluding Systematic Reviews)

Social Distancing vs Social Interaction for Older Adults at Long-Term Care Facilities in the Midst of the COVID-19 Pandemic: A Rapid Review and Synthesis of Action Plans

Design strategies

Additional appear Hospitals will require entry spaces for festing, storage and disposal for compartmentalization, an established hierarchy of zones defined by lev broadened telemedicine use

Hospital and clinical hubs. Recovery from the pandemic could be an opportunity to consider reframe preventive/welness services and providing facilities that support educati clinical care, achools and public housing offer convenient community-ba . Infrastructure needs to be planned for in-hospital parking lots and garage HWACI, oxygen, and water hookup to support field hospital setups. Patien to register for visits from their cars before entering.

Allow for partitioning of dayrooms, creating specialized spaces for family s sanitzing, signage with instructions for all, and designated spaces for a

Accommodations for telemedicine and outdoor consultations

Access to the outdoors. Better access to outdoor space will support stress reduction and provide verifiation from the outside should be a dealon strategy to reduce infact Ermanoed safety The reconfiguration of outdoor apaces to support safe accisi interaction participation in cultural events will aide in the transition to outdoor care Hotels and spas will implement visible and improved plearing protocols in

> While smultaneously maintaining "soft-touch" environments, robots will services and infection control

Improved HVAC will include UV added to ducts, or needle point longs MERV13 filters and increased outside air

Additional welness-focused programming will support staff and guest inc

service, room service and robot technology

Hotel guests will remain more comfortable staying in hotels than using adapt restaurants. The "bluming" of work boundaries will necessitate the develop term rantals and "work from hotel" options. Guestrooms may be conve meeting areas to meet spool needs and enhance revenues

Accommodations for assembly workers withing to isolate from Timily me should be provided for individuals recovering from COMD and needing t some hotel properties into accommodations for seniors may be desiral In-person dining will recover slowly and site design should facilitate curtisio to include technology using online ordering and contactless payments. Or

The design of buffet bars will be modified to support infection reduction In skilled nursing facilities, felemedicine will facilitate functions such as after changes in condition, dealing with behavior issues, medication managemen

annual checkups, and group consultations, Independent, assisted living and stitled nursing tagittes will increasingly develop programs for virtual visiting, socializing, entertainment, exercising, meatime companionship and using voice activation to connect people via television sets. Touch-free inchnologies will be developed for surfaces such as sinks and doors. Facilities may specify blocket surfaces to hill pathodens and advance cleaning

Farhana Ferdous, PhD 0

Social Interaction in Older Adults

Social interaction (exchange between two or more individuals within a society), alternatively, promotes independence, provides psychological and physical health benefits, improves cognitive function, overall quality of life, and responsive behaviors such as wandering, agitation, and restlessness in older adults.31 Social interaction is considered to be one of the key components of quality of care in many LTCFs. Ten minutes of social interaction per day improves well-being for people with Alzheimer's disease and related dementias (ADRDs), especially for those living in LTCFs<sup>32</sup> and it follows that a high level of social interaction can be an indicator for the quality of care provided in any care facility. 33 Other literature demonstrates that residents value the social environment more than other aspects of care facilities, and different aspects of the spatial design may improve the social environment and can lead to meaningful positive social interactions.34 For most functionally impaired residents with limited abilities to initiate social contact, the daily meaningful contact with staff may become an important part of their overall well-being and quality of life after transitioning into a LTCF.35,36

International Joint Conference on Energy and Environmental Engineering (CoEEE 2022), Stockholm, Sweden (virtually), June 24-26, 2022

The role of open space and green areas in the design of an inclusive nursing home environment during Covid-19 period

Vanja Skalicky Klemenčič, Vesna Žegarac Leskovar\*

Department of Architecture/ University of Maribor, Faculty of Civil Engineering, Transportation Engineering and Architecture, Maribor, Slovenia Received 1 November 2022; accepted 24 November 2022

Available online 1 December 2022

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The paper highlights the importance of high-quality outdoor spaces in improving physical and social well-being in the residential environment of the elderly. The historical Swedish practice of green areas design was analysed as a role model to gain knowledge and understanding of the importance of open space and green areas in residential environments. During the Covid-19 pandemic, nursing homes were among the most critical living environments, as evidenced by a disproportionate number of infections and deaths among nursing home residents worldwide. The main objective of this study is to confirm the importance of architectural design quality with special attention to outdoor space, especially in situations comparable to

Covid-1 Review Articles (excluding Systematic Reviews) two dep

> Social Distancing vs Social Interaction for Older Adults at Long-Term Care Facilities in the Midst of the COVID-19 Pandemic: A Rapid Review and Synthesis of Action Plans

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#### Farhana Ferdous, PhD 0

Table 4. Framework for Interventions and Action Strategies for Improving Social Interaction During and After the COVID-19 Pandemic.

b) Remote communication c) Therapeutic care and stress management d) Preventive measures

Interventions and action strategies for improving social interaction

THE THE PERSON NEWSFILM OF THE PERSON OF THE				
	1. Using devices for communication		Improved communication	I. Regular screening
		connections	Animal-assisted therapy     Person-centered care	2. Monitoring residents'
			4. Opportunities for engagement	health
	2. Virtual reality (VR)	2. Drive-by or virtual visits	5. Physical exercise	3. Signage and hygiene

3. Telemedicine 6. Therapeutic touch

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arch. Gianluca Darvo \_ AD e Direttore Tecnico DSP Srl



# come coniugare





relazioni sociali

mantenere un legame attivo con i familiari e la comunità di riferimento

CON SPAZI FISICI E VIRTUALI PER LE RELAZIONI CON I FAMILIARI E LA PARTECIPAZIONE A EVENTI VIRTUALI

> SPAZI FILTRO NEI CONSENTIRE IL MANTENIMENTO DELLE **REAZIONI CON I FAMILIARI** E OSPITI IN SICUREZZA // CON POSSIBILITÀ DI REGOLARE LA PERMEABILITÀ

SOLUZIONI TECNOLOGICHE DI COMUNICAZIONE DIGITALE INTEGRATI NELLA CAMERA O A DISPOSIZONE DI TUTTI GLI OSPITI // AD OGNI OSPITE UN TABLET

SPAZI VIRTUALI PER IL COLLOQUIO DIGITALE
CON I FAMILIARI O PER LA TELEMEDICINA //
DIGITAL ROOM CON SMART TV INTEGRATE E
ACCESSO AI DATI DI SALUTE DEGLI OSPITI

arch. Gianluca Darvo

Darvo Serrani Project

attività significative

svolgere attività significative, in piccoli gruppi

PER CONTRASTARE ISOLAMENTO SOCIALE E SOLITUDINE, CHE POSSONO PORTARE ALL'AUMENTO DI STATI DI STRESS e DEPRESSIVI

> CREARE **SOTTOZONE** ALL'INTERNO DEGLI **SPAZI COMUNI** PER GLI OSPITI // PER LO SVOLGIMENTO DELLE ATTIVITÀ QUOTIDIANE IN PICCOLI GRUPPI

## SISTEMI FLESSIBILI DI SEPARAZIONE

DELLO SPAZIO // ANCHE CON PARETI DIVISORIE O SISTEMI MOVIMENTABILI CHE CONSENTANO DI REGOLARE IL LIVELLO DI INTERAZIONE TRA GLI OSPITI

## SISTEMI DI **ARREDO** CON MOLTEPLICI

FUNZIONI // NON SOLO SISTEMI DI SEPARAZIONE MA OCCASIONI DI RIQUALIFICARE GLI AMBIENTI E DI INSERIRE NUOVE FUNZIONI

arch. Gianluca Darvo

Darvo Serrani Project

spazi esterni

passare del tempo all'esterno e fare attività fisica

SFRUTTANDO I BENEFICI FISICI, PSICOLOGICI E I MAGGIORI
LIVELLI DI SICUREZZA OFFERTI DALLE AREE ESTERNE

(3)

TRASFERIRE ALL'APERTO UNA QUOTA PARTE DI ATTIVITÀ OCCUPAZIONALI SVOLTE ALL'INTERNO // CON ALLESTIMENTI SEMPLICI FATTI DA SEDUTE, TAVOLI E SISTEMI DI OMBREGGIAMENTO, ELEMENTI DI SUPPORTO ALLE ATTIVITÀ OCCUPAZIONALI

CREARE OCCASIONI E SPAZI PER L'ESERCIZIO

FISICO, LA SOCIALIZZAZIONE E LA

STIMOLAZIONE SENSORIALE // CURA DEL

GIARDINO, GINNASTICA DOLCE, ATTIVITÀ

OCCUPAZIONALI

SFRUTTARE GLI **EFFETTI POSITIVI SULLA SALUTE** CORRELATI CON LA NATURA //

MIGLIORAMENTO DELL'UMORE E DELL'AUTOSTIMA,

AUMENTO VIT. D, MIGLIORAMENTO NUTRIZIONE E RITMO

SONNO-VEGLIA

arch. Gianluca Darvo

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www.darvoserrani.it

POST COVID-19

# flessibilità e adattabilità

spazi ulteriori per le attività di prevenzione e gestione

4

SULLA BASE DI NUOVI MODI DI CONCEPIRE L'ACCOGLIENZA, LA PERMEABILITÀ E LA RELAZIONE CON L'ESTERNO

LAYOUT CON SPAZI FILTRO DI INGRESSO CHE CONSENTANO DI **ISOLARE FUNZIONALMENTE**INTERE ZONE // CON FLUSSI SEPARATI E SERVIZI DI SUPPORTO TALI DA RENDERLI AUTONOMI

SPAZI ULTERIORI PER LA GESTIONE DEGLI
INGRESSI // COMPILAZIONE DOCUMENTI, TEST,
STOCCAGGIO PRESIDI MONOUSO E DPI

ZONE E LOCALI ATTREZZATI PER LO SVOLGIMENTO DI NUOVE ATTIVITÀ NUOVE: TELEMEDICINA, CONSULTAZIONE IN REMOTO // ADEGUATAMENTE ATTREZZATE E PER LO SVOLGIMENTO DI ATTIVITÀ CHE NEL PROSSIMO FUTURO DIVENTERANNO CHIAVE E PREPONDERANTI

arch. Gianluca Darvo

rvo Serrani Project

# spazi per lo staff



ATTREZZATI PER MOMENTI DI RIPOSO, BRIEFING E PER LA PERMANENZA IN STRUTTURA PER SITUAZIONI DI EMERGENZA



SPAZI DI RELAX, **DISIMPEGNO MENTALE**, CONFRONTO E BRIEFING // DA UTILIZZARE PER L'ALLENTAMENTO DEI LIVELLI DI STRESS

CREAZIONE DI SPAZI DI VITA PER IL
PERSONALE // CHE CONSENTANO LO
SVOLGIMENTO DI ALCUNE ATTIVITÀ INDIVIDUALI
CON ADEGUATI LIVELLI DI PRIVACY

AREE STRUTTURATE PER BRIEFING E

PASSAGGIO DI CONSEGNE // CON SOLUZIONI
CHE CONSENTANO LA MASSIMIZZAZIONE DELLA
CONCENTRAZIONE E LA RIDUZIONE DEGLI
ERRORI

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- (O) (f) (in)

MONDAY 18TH

PATIENT NAMEY

DOCTOR - K PHILLIP

# contenimento delle infezioni

materiali, tecnologie touchless e buone norme di progettazione 6

SISTEMI TECNOLOGICI ED ERGONOMICI, ESPLICITI E IMPLICITI PER MASSIMIZZARE SICUREZZA E PREVENIRE DIFFUSIONE DELLE INFEZIONI



## VENTILAZIONE NATURALE E SISTEMI DI VENTILAZIONE MECCANICA AD ELEVATA

EFFICIENZA // SISTEMI NATURALI E TECNOLOGICI PER IL CONTRASTARE LA TRASMISSIONE DELLE INFEZIONI

LUCE SOLARE DIRETTA COME STRUMENTO
GERMICIDA E FATTORE POSITIVO PER
L'AUMENTO DELLE DIFESE IMMUNITARIE
DELL'INDIVIDUO // ANTICHE NORME DI BUONA
PROGETTAZIONE PER I SISTEMI SANITARI



# nuove tecnologie

innovazione tecnologica e virtual environment per l'annullamento delle distanze

7

SISTEMI TECNOLOGICI E VIRTUALI COME SUPPORTO ALL'ATTIVITÀ CLINICA ASSISTENZIALE, MA ANCHE COME STRUMENTO DI SOCIALIZZAZIONE?



SISTEMI DI SUPPORTO ALLA **TELEMEDICINA**, ALLE **CONSULTAZIONI IN REMOTO** E ALLA

GESTIONE DEI DATA // TECNOLOGIE PER L'INTEGRAZIONE DELLA E-HEALTH, AMBITO DI PREVENZIONE E GESTIONE ASSISTENZIALE

## **DISPOSITIVI PER LA COMUNICAZIONE IN**

REMOTO TRA ANZIANI E PROPRI CARI // COME MANTENIMETO DELLE RELAIZONI SIGNIFICATIVE E SUPPORTO PER L'INTERGENERAZIONALITÀ

LA NUOVA FRONTIERA DELLA REALTÀ
VIRTUALE, DELLA REALTÀ AUMENTATA E
DELL'INTELLIGENZA ARTIFICIALE // ANCHE COME
SUPPORTO TERAPEUTICO PER PERSONE CON
CAPACITÀ SENSORIALI RIDOTTE

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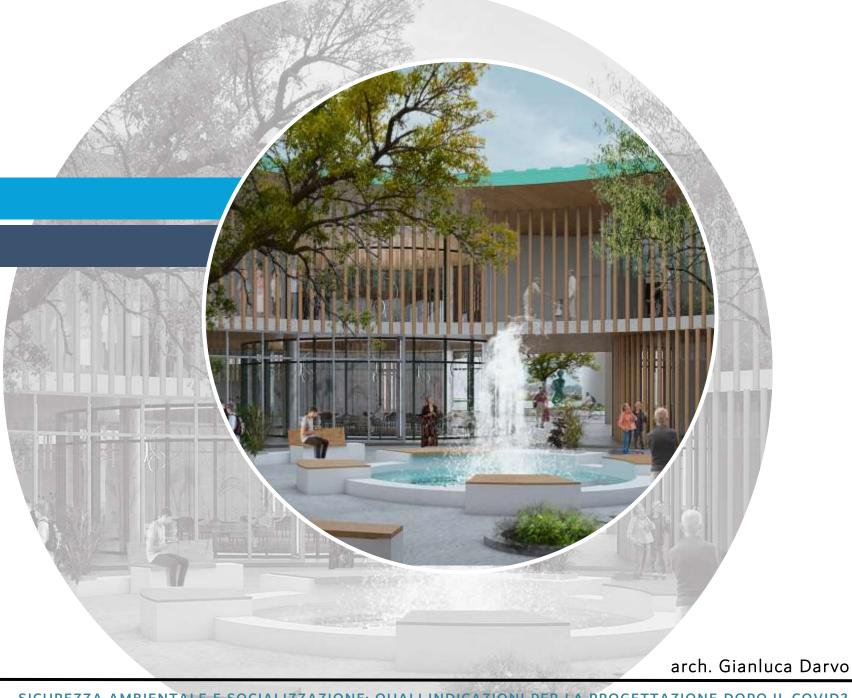
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