

# GUIDELINES TO SUPPORT THE CREATION OF ACCESSIBLE VIDEOS TO VISUALLY IMPAIRED CHILDREN AND THEIR FAMILIES

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The RHF is a private organization of Dutch origin.  
All the activities are *free of charge*.

We offer **consultation and support to children with visual impairment and their families**



Cannero Riviera



Padova



45 professionals

400 families  
every year





## **CLINICAL ACTIVITY**

To foster the potential of every child and support the family with a global, integrated and personalized approach



## **TRAININGS**

To spread knowledge about the field of pediatric visual impairment with a view to mutual exchange and growth



## **RESEARCH**

To further improve our intervention methods and their effectiveness



## **CULTURAL SENSIBILIZATION**

To promote inclusion and shared experiences among families with visually-impaired children



## **PROJECTS**

To foster reflection processes and promote new practices in networking





# COVID-19: FROM THE CRISIS NEW IDEAS

The Covid-19 pandemic has changed the way we live, work and relate

Many of us have had to **adapt working** from home, online meetings and the **digitisation** of work processes.



The pandemic also taught us the importance of personal responsibility and caring for others, with the spread of mask wearing and the practice of social distancing.

In summary, the Covid-19 pandemic forced us to change and adapt to new situations, but it also created opportunities for **new ideas and ways of doing things.**

# THE DISTANCE SUPPORT PROJECT (DSP- FRH)

COVID-19



DISRUPTION OF  
DAILY ROUTINE

## CREATION OF DSR –FRH

To continue the therapeutic and rehabilitative activities in supporting the overall development of children with visual impairment and their families



# THE DISTANCE SUPPORT PROJECT (DSP- FRH)

DSP- RFH has the main goal to create different operational tools accessible for children and families in their own homes.



There were many materials used to facilitate this communication:

- ✓ audio recordings
- ✓ audio-video calls
- ✓ tailored-made multisensory materials
- ✓ videos





# Multisensorial materials shared with families



# ACCESSIBLE VIDEOS CREATION

Starting from  
DSP's  
experience



we aim to facilitate an  
inclusive culture that  
considers the different  
needs of children



to access the  
proposed contents,  
also at distance

and to bring  
them in their life  
context



# VIDEOS



## **CREABILITA'**

THE CREATIVE  
WORKSHOP  
FOR PLAYING  
TOGETHER...



## **COSTRUIAMO CON I SENSI**

THE WORKSHOP TO  
CREATE TOYS WITH  
ALL THE SENSES...



## **MANI IN PASTA**

THE WORKSHOP TO  
LEARN HOW TO  
COOK...



# ACCESSIBLE VIDEOS CREATION

## BASIC PRINCIPLES

The RHF designed videos:

- ✓ concerning **rehabilitative and educational activities**
- ✓ encouraging the **co-participation** of the child in his own care path
- ✓ promoting aggregation and social participation between subjects **with and without disabilities**



# ACCESSIBLE VIDEOS CREATION GUIDELINES

These guidelines for the creation of inclusive videos aim:

- ✓ to support individual fragility
- ✓ to place the child and his family at the center of the process of care

through the creation of  
a transversal language accessible to everyone



# ACCESSIBLE VIDEOS CREATION GUIDELINES

Precise criteria also guarantee uniformity in video design for:

- ✓ **structure and phases**
- ✓ **audio and voice**
- ✓ **images (photos and videos)**
- ✓ **writing**
- ✓ **materials**

to make videos more perceivable, understandable and therefore accessible.





# STRUCTURE AND PHASES

- ✓ Regular scanning of video phases (through 'opening' questions)
- ✓ Theme introduction phase
- ✓ Maintaining the same structure and layout for each theme
- ✓ Cleanliness of space and little visual clutter screen readers





# AUDIO and VOICE

- ✓ Background music to attract attention
- ✓ Clear, simple language
- ✓ Single voice throughout the video





# IMAGES (PHOTO AND VIDEO)

- ✓ Order and stability in the placement of work material
- ✓ Few material at a time
- ✓ Photos and videos with objects and materials in high contrast to the background
- ✓ Video clips with slow movements
- ✓ 45° photos
- ✓ Horizontal video





# WRITING

- ✓ Contrasting lettering, in capital letters
- ✓ Double spacing between words
- ✓ Increased line spacing
- ✓ Closed captioning





# MATERIALS

- ✓ Precise order in material placement
- ✓ Material readily available at home
- ✓ Few material at a time



# ACCESSIBLE VIDEOS CREATION

## NEW PREREQUISITES

This project in the pandemic era has permitted us to reflect on how videos can be an opportunity to create good conditions to:

- ✓ **reach** as many **children** as possible with these tutorials
- ✓ give an **extra service** within the Foundation
- ✓ provide a **new tool** built with specific guidelines for visually impaired children
- ✓ favor **inclusive** experiences (Universal Design concept).





# FUTURE DEVELOPMENTS

- ✓ survey to collect feedback (as happened with the questionnaire about DSP –RHF)
- ✓ Braille Neue on the cover page
- ✓ LIS and PECS
- ✓ voice synthesis for description

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Distance support and online intervention to blind and visually impaired children during the pandemic COVID-19

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*Thanks for your attention!*

