Activating the 'mind's eye' - sounds, instead of eyesight can be alternative vision

Common wisdom has it that if the visual cortex in the brain is deprived of visual information in early infancy, it may never develop properly its functional specialization, making sight restoration later in life almost impossible.

ERC grants to three ELSC's researchers

Prof. Amir Amedi, Prof. Hagai Bergman, Prof. Hermona Soreq - We congratulate you for winning this prestigious and important grant! We send you wishes for success in the great challenge you took upon yourselves. We thank you for making us so proud of you!

J. Post: Science-fiction brain technology to become reality

Israeli and foreign researchers present developing technologies for the ill and disabled at the Presidential Conference.
J. Post: Scientists: Sound can activate ?sight? for blind
Brain scientists tap into visual cortex of people suffering from congenital blindness ? making it possible for them to ?see.?
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Tapping onto the visual cortex of the congenitally blind by substituting vision with sounds
Scientists at the Hebrew University have tapped onto the visual cortex of the congenitally blind by using sensory substitution, a way to convert visual information to sounds or touch
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Hebrew U device uses sonar to help the blind navigate
The "virtual cane" incorporates several sensors that estimate the distance between the user and the object it is pointed at.
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President Peres opens Hebrew University exhibit at Presidential Conference
The exhibit is the largest showcase of the Hebrew University ever undertaken, providing visitors with a behind-the-scenes glimpse at groundbreaking research.
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Seeing with your ears
Dr. Amir Amedi on Seeing with Your Ears at YOUR HEALTH® radion.
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The Building

The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

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