

journal, 'that nothing more of value in painting could be expected of him, as he had paralysis of the right hand.' It would appear from this that Leonardo da Vinci, being unable to use his right hand, wrote with his left, and fell into the practice of writing from right to left." One may assume, I think, that Leonardo da Vinci was naturally left-handed.

If an enquiry were made about all cases of right hemiplegia with subsequent sudden adoption of mirror writing, I think it would be found that all these patients were naturally left-handed, or at least ambidextrous. Some interesting experiments were made by school teachers for Dr. Ireland in this connection. In one case the teacher made all his scholars write with the left hand, and five wrote in mirror fashion. These were all found to be left-handed, and they were the only left-handed children in the class of sixty. I had the same experiment made in the Victoria Hospital for Sick Children. Thirty-six

the use of mirror writing is not natural for the left hand. It is a curious fact that many individuals do not know that they are writing in mirror fashion. Thus Dr. Ireland mentions the case of a boy who, when told to copy the word "wonderful," wrote it with the left hand in mirror writing, and could not see that it was not correct. Evidently his right visual centre was the one that he habitually used and everything was by him seen backwards.

LEFT HAND MIRROR.

children were instructed to write a short sentence with the left hand. All did it in ordinary writing, but enquiry showed that none of them were left-handed.

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All our brains are dual to a certain extent, and would be more so if parents and teachers did not systematically oppose the use of the left hand. Our legs and the two sides of our faces act equally well because they have always been allowed to do so. I find that I can crudely write in the snow with either foot, and that with the left foot mirror writing comes quite naturally.