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铸件工人心电图检查应注意清洗皮肤

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2001年5月, 我站对本市仓库金属制品有限公司接害职工进行了健康监护。在对接尘工人行心电图检查时, 发现有严重的基线漂移干扰问题, 现分析报道如下。

21名铸件工人在FCP-2155自动分析心电图机上都表现为严重的基线漂移干扰, 开启抗交流干扰、抗肌电干扰及抗漂移干扰滤波均无效。换成XDH-3B心电图机检查亦如此。当时

考虑可能是一墙之隔的一台交流电调压器磁场的影响(该调压器为当日临时放置)。次日移去调压器后为其他人群行心电图检查如常。一周后再次为这21名铸件工人做心电图检查, 结果仍如前次。分析可能是铸件工人体表密布金属粉尘导致体表心电短路紊乱所致。后嘱铸件工人先清洗皮肤, 在上班前进行检查。结果, 清洗彻底的工人心电图检查如常; 清洗不很彻底的工人心电图上仍有基线漂移, 但尚可识别; 2名工人因未认真清洗皮肤仍无法进行心电图检查。上述推测得到证实。

因此在为接触金属粉尘的工人进行心电图检查前, 将彻底清洗皮肤列为常规十分必要。