



INVASIVE MEDICAL PROCEDURES ON THE DAY OF COMPETITION

POSITION STATEMENT

**National Federation of State High School Associations (NFHS)
Sports Medicine Advisory Committee (SMAC)**

The NFHS SMAC was formed in 1996 to assist the NFHS in ensuring the safety of high school athletes across the nation. The SMAC investigates numerous issues, rules, and situations and considers their potential risks to athletes. Recently, the SMAC has reviewed the issue of invasive medical procedures such as intravenous (IV) rehydration and the use of injectable anesthetic/analgesic drugs during or before athletic contests and events.

While we believe these practices are not widespread at the high school level, a handful of such incidents have been reported to the SMAC over the past year. It is reported that these procedures are carried out at the college and professional levels. The SMAC is very concerned that occurrence of, or the desire for, such medical procedures will continue to “trickle down” to high school athletics.

The SMAC encourages a philosophy that high school athletics serve the purpose of providing young men and women the opportunity for personal growth in a controlled environment. The pursuit of victory is not, by itself, justification for medical intervention. We believe that invasive procedures such as the administration of IV fluids and the use of injectable anesthetic/analgesic drugs performed on the day of competition with the sole purpose of enabling a student athlete to participate are inconsistent with the philosophy of high school sports.

This position applies to any athlete requiring a local (example: lidocaine) or systemic (example: Toradol) pain-killing medication to enable him or her to play. This practice increases the risk of further injury to the affected body part. The use of prescription medication that is administered by injection for chronic medical conditions (such as insulin for diabetes or Imitrex for migraine headaches) is appropriate, and will not be affected.

Second, performing medical procedures in a locker room, training room, or other facility is fraught with the potential for infection and other complications. The placement of an intravenous catheter or the administration of an intramuscular or subcutaneous

injection is a medical procedure and should be treated as such. Thus, a medical facility is the proper venue for any such invasive procedures to be carried out.

Finally, while our primary concern is with protecting the health of the young athlete, we believe this is also a matter of participation equity. Due to a variety of factors, few high school sports programs have team physicians attending their competitions and in many instances these volunteers do not have special training in sports medicine. Thus, teams and individuals who have a physician or other medical provider willing and able to provide such services will have a significant competitive advantage over their opponents who may not have such a specialist available.

After a review of the potential risks, consequences, and limited medical benefits of these invasive procedures, the NFHS Sports Medicine Advisory Committee takes the position that there is no proper role for these procedures in high school athletics. We strongly recommend to coaches, school administrators, athletic trainers, and team physicians that athletes should not be allowed to participate in athletic contests or events if they have received IV hydration or been injected with an anesthetic or analgesic medication on that same day.

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